NAVAL WEATHER SERVICE DETACHMENT / SHEVILLE N C SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) BRUNSWIC--ETC(U) JUN 78 AD-A060 997 UNCLASSIFIED NL | of 4 # AD A060997

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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This data report consists of a six weather observations. The six par Atmospheric Phenomena, Part B - Pr Surface Winds, Part D - Ceiling Psychrometric Summaries, Part F -	<pre>c part statistic rts are: Part A recipitation/Sno versus Visibilit</pre>	 Weather Condit wfall/Snow Depth, y/Sky Cover, Par 	ions/ Part C - t E -			

STATE	STATION NO. ON SUMMANY: 14611	STATION NAME: Brunswick, Maine		143 43	°53'N	томентов: 69°56°W	STATION ELEV. (FT.) 75 MSL	CALL SIGN: KNHZ	WMO NUMBER 743	74392
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-i		Weather Service Office	Navy	1951	1959	43°53'N	M, 95, 69	191	Mercurial	24
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e,	•	2	2	1969		:		:	:	24
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NUMBER	ER DATE	SURFACE WIND EQUIPMENT INFORMATION	UIPMENT INFOR	MATION				- 673	24	
OF		LOCATION		TYPE OF	TYPE OF	HT ABOVE	REMARKS, ADDIT	TIONAL EQUIPMENT,	REMARKS, ADDITIONAL EDUIPMENT, OR REASON FOR CHANGE	GE
1		Control tower roof		Selsyn	Triple			Barograph (M. 3)		
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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET 1tr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

- Ten years of data will be used as the standard period of record (POR).
- 2. All available data will be used for extreme values.
- 3. Summarize (update) every five years.
- 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. will be included for extreme values.
- The update in 1983 will include the POR 1973 through 1982, with all available data through 1982
- c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.
- d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for extreme values.

pared in 1973. The retention of these summaries will provide the most comprehensive climatological file Each standard POR (10 years) summary should be retained by individual stations along with the SMOS prefor your station. <u>DESCRIPTION</u>: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.). **COMMENT:** All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Questionable values will most likely be single occurrences shown by a percentage fre-(This value indicates a percent less than ".05," which, in most cases, reflects a single occurrence of an occasional spurious value should not in itself be considered significant. Every effort Suspect cases will occur infrequently, but users should not disregard extreme values completely as some observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the is made by this office to maintain a high degree of accuracy and reliability in these tables, and Naval Weather Service Detachment (NWSD), Asheville, N. C. welcomes your comment and criticisms. could be valid.

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

- 1. By month and annual, all hours and years combined.
- . By month and annual, all hours and years combined, by wind direction.
- 3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

ail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction reflect the total observations with reduced visibility. The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices. NOTE:

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

may occur in the same daily observation, the sum of the values in the individual columns may not equal the centage of observations. Since more than one type of precipitation or more than one type of obstruction The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than per-

This presentation is by month with annual totals, and is prepared with all years combined.

A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly The main body of the "% Total" indicates percentage frequency observations and is presented by month and annual, all hours and years combined. (plus calm). Column totals show the number of observations.

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WEATHER CONDITIONS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.	155	155	155	155	155	155	155	155		1240
% OF OBS WITH OBST TO VISION	12.9	11.0	17.4	21.3	16.8	14.8	15,5	11.6		15.2
DUST AND/OR SAND										
BLOWING	1.3	1.3	2.6	2.6	2.6	1.9	1.3	•		1.8
SMOKE AND/OR HAZE				4.5	3.9	2.6	1.9			1.6
FOG	11.6	9.7	14.8	14.8	10.3	10.3	12.3	11.0		11.9
% OF OBS WITH PRECIP.	18.1	16.8	12.9	20.0	18.7	16.1	15.5	14.2		16.5
HAIL										
SNOW AND/OR SLEET	11.6	11.6	7.6	12.9	12.9	9.7	0.6	4.		10.7
FREEZING RAIN &/OR DRIZZLE	9.	1.3	¢.	1.3	3.2	1.3	4.	1.3		1.3
RAIN AND/OR DRIZZLE	8.0	4.5	2.6	5.3	4.5	3.2	6.5	5.8		5.2
THUNDER- STORMS								•		.1
HOURS (L.S.T.)	10	*0	0.1	10	13	16	10	22		
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WEATHER CONDITIONS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DRSERVATIONS

TOTAL NO. OF OBS.	141	141	141	141	141	1.	141	141			1128
% OF OBS WITH OBST TO VISION	14.9	15.6	22.7	18.4	17.0	14.2	12.8	17.7			16.7
DUST AND/OR SAND											
BLOWING											*.
SMOKE AND/OR HAZE	•		3.5	2.8	4.3	2.1	2.1				1.9
50	14.2	16.9	19.1	15.6	12.1	12.1	10.6	17.0			14.5
% OF OBS WITH PRECIP.	10.6	12.8	15.6	17.7	17.7	18.4	13.5	6.6			14.5
HAIL											
SNOW AND/OR SLEET	5.7	8.5	6.6	12.8	12.1	12.8	7.8	5.7			4.6
FREEZING RAIN &/OR DRIZZLE	1.4	1.4	2.8		۲.	1.4	2.1	Ĭ.4			1.4
RAIN AND/OR DRIZZLE	3.5	2.0	3.5	5.0	5.0	5.7	4.3	3.5			4.2
THUNDER- STORMS											
HOURS (L.S.T.)	10	*	10	10	13	16	19	22			
MONTH	FEB										TOTALS

WEATHER CONDITIONS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.	155	155	155	155	155	155	155	155		1240
	~	2	*	6	0	6		0		
% OF OBS WITH OBST TO VISION	23.2	26.5	28.4	23.9	21.9	21.9	27.1	21.9		24.4
DUST AND/OR SAND										
BLOWING	1.9	1.3	•	•	•	•	9.	9.		6.
SMOKE AND/OR HAZE	3.2	2.6	5.2	4.5	7.7	7.1	5.5	1.9		4.7
506	18.7	23.2	24.9	19.4	14.2	15.5	22.6	20.0		19.8
% OF OBS WITH PRECIP.	16.8	17.4	16.8	13.5	13,5	13.5	18.1	14.2		15.5
HAIL										
SNOW AND/OR SLEET	8.8	6.9	4.	7.1	5.8	7.1	6.9	5.2		9.9
FREEZING RAIN &/OR DRIZZLE	9.	9.					1.9	9.		s.
RAIN AND/OR DRIZZLE	10.3	10.3	9.7	7.1	7.7	6.9	10.3	0.6		8.9
THUNDER- STORMS				9.						-:
HOURS (L.S.T.)	10	*0	07	10	13	16	19	22		
MONTH	MAK									TOTALS

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YEARS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

	0	0	0	0	0	0	0	0	П	0
TOTAL NO. OF OBS.	150	150	150	150	150	150	150	150		1200
% OF OBS WITH OBST TO VISION	26.0	25,3	29.3	25.3	22.7	20.02	23.3	23,3		24.4
DUST AND/OR SAND										
BLOWING										
SMOKE AND/OR HAZE	8.0	8.0	8.0	8.7	8.0	7.3	6.6	9.3		8.3
506	20.0	20.0	22.0	17.3	16.0	12.7	14.0	15.3		17.2
% OF OBS WITH PRECIP.	13,3	13.3	16.0	16.7	18.7	15.3	14.0	14.7		15.3
HAIL										
SNOW AND/OR SLEET	1.3	5.3	4.7	4.7	6.0	4.0	1.3	2.0		3.7
FREEZING RAIN &/OR DRIZZLE										·ī.
RAIN AND/OR DRIZZLE	12.0	8.7	12.0	12.0	14.0	12.0	12.0	12.7		11.9
THUNDER- STORMS										
HOURS (L.S.T.)	10	*0	0.1	10	13	16	19	22		
MONTH	APR									TOTALS

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BRUNSWICK, MAINE STATION

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.	
MAY	01		15.5				15.5	29.0	0.6			34.8	155	_
	*0	9.	14.2		۰.		14.2	45.6	4,0			45.2	155	
	07	9.	14.2		9.		14.2	30.3	12.9			40.0	155	
	10		9.7				9.7	20.6	12.9			33.5	155	
	13	9.	13.5				13.5	16.1	15.5			31.0	155	
	16		11.0				11.0	14.8	20.0			33.5	155	
	19		13.5				13.5	20.6	14.8			35.5	155	
	22	9.	11.6				11.6	25.2	10.3			34.2	155	
														_
TOTALS		.3	12.9		.2		12.9	24.9	13.0			36.0	1240	

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TOTAL NO. OF OBS.	150	150	150	150	150	150	150	150		1200
% OF OBS WITH OBST TO VISION	96.0	0.40	26.0	50.0	46.7	48.0	54.0	53.3		53,5
DUST AND/OR SAND										
BLOWING										
SMOKE AND/OR HAZE	14.7	14.0	18.7	26.7	30.7	30.0	30.7	20.7		23.3
8	42.7	55.3	40.0	26.7	17.3	19.7	24.7	34.0		32.4
% OF OBS WITH PRECIP.	16.0	16.0	15.3	10.7	12.0	14.0	12.0	8.7		13.1
HAIL										
SNOW AND/OR SLEET										
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	16.0	16.0	15.3	10.7	12.0	14.0	12.0	8.7		13.1
THUNDER. STORMS	.,							.,		1.
HOURS (L.S.T.)	10	40	07	10	13	16	19	22		
MONTH	Sco									TOTALS

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WEATHER CONDITIONS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.	155	155	155	155	155	155	155	155		1240
% OF OBS WITH OBST TO VISION	51.6	57.4	54.2	46.5	45.2	43.2	47.7	45.2		6.84
DUST AND/OR SAND										
BLOWING										
SMOKE AND/OR HAZE	16.8	16.8	26.5	29.7	34.2	33.5	32.3	20.6		26.3
80	38.7	47.7	31.0	18.1	13.5	11.0	18.7	27.1		25.7
% OF OBS WITH PRECIP.	11.0	4.4	12.9	7.7	7.7	7.1	8.6	7.1		0.6
HAIL										
SNOW AND/OR SLEET										
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZIE	11.0	9.7	12.9	7.7	7.7	7.1	8.4	7.1		0.6
THUNDER- STORMS	2.6	1.3	1.3		1.3	3.9	3.9	1.9		2.0
HOURS (L.S.T.)	5	*	0.7	10	13	16	61	22		
MONTH	100									TOTALS

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PERCENTAGE PREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.	155	155	155	155	155	155	155	155		
% OF OBS WITH OBST TO VISION	54.2	57.4	59.4	0.64	43.2	45.2	51.0	47.7		-
DUST AND/OR SAND										
BLOWING										
SMOKE AND/OR HAZE	15.5	12.3	21.9	31.0	32.3	30.3	30.3	21.9		7 76
506	47.1	53.5	43.9	18.7	12.9	16.1	28.8	32.9		1
% OF OBS WITH PRECIP.	8.6	7.1	8.6	7.1	7.7	10.3	0.6	10.3		
HAIL										
SNOW AND/OR SLEET										
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	20	7.1	4.8	7.1	7.7	10.3	9.0	10.3		0
THUNDER- STORMS		9.	9.		•	2.6		1.3		-
HOURS (L.S.T.)	10	*0	07	10	13	16	19	22		
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WEATHER CONDITIONS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DESERVATIONS

14.7	ND/OR RAIN &/OR AI	AND/OR SLEET	HAIL	OBS WITH PRECIP.	8	AND/OR HAZE	BLOWING	AND/OR SAND	WITH OBST TO VISION	NO. OF OBS.
	•			14.7	39.3	5.3			43.3	150
14.0	0			14.0	45.0	4.7			45.3	150
12.7	1			12.7	50.0	1.0			56.7	150
11.3	60			11.3	24.7	17.3			40.7	150
10.0	0			10.0	17.3	20.7			37.3	150
12.0	0			12.0	16.7	17.3			34.0	150
12.7	_			12.7	25.3	13.3			36.7	150
13.3	60			13.3	28.7	8.0			35,3	150
12.6				12.6		30.5 11.9			41.2	1200

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	506	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
100	10		10.3				10.3	26.5	1.9			27.7	155
	*0	1,3	12.9	9.			13.5	32.3	1.9			32,9	155
	07		11.0	1.3			12.3	32.3	3.9			35,5	155
	10		11.6	•	0.		12,3	16.1	0.6			25.2	155
	13		11.0	•			11.6	15.5	7.7			21.3	155
	16		10.3		•		11.0	16.1	9.7			23.9	155
	19		9.7				9.7	16.8	3.2			18.7	155
	22		11.0				11.0	21.3	3.9			24.5	155
TOTALS		.2	11.0	4.	.2		11.5	22.1	5.2			26.2	1240

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.	150	150	150	150	190	150	150	150		1200
% OF OBS WITH OBST TO VISION	28.7	29,3	32.0	30.7	24.7	26.0	26.7	29,3		28.4
DUST AND/OR SAND										
BLOWING								.,		:
SMOKE AND/OR HAZE	3.3	1.3	4.7	8.7	5.3	5.3	2.7	3.3		6.4
ည်	25.3	28.0	28.0	22.0	19.3	21.3	24.0	25.3		24.2
% OF OBS WITH PRECIP.	14.0	15.3	17.3	16.0	11.3	12.7	12.7	12.7		14.0
HAIL										
SNOW AND/OR SLEET	3.3	3,3	2.7	2.7	2.7	3.3	2.0	4.0		3.0
FREEZING RAIN &/OR DRIZZLE								۲.		:
RAIN AND/OR DRIZZLE	10.7	12.0	14.7	14.0	9.3	10.0	10.7	7.9		11.3
THUNDER- STORMS										
HOURS (L.S.T.)	10	40	07	10	13	16	19	22		
MONTH	NOV									TOTALS

14611 STATION

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BRUNSWICK, MAINE

73-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.	155	155	155	155	155	155	155	155			1240
% OF OBS WITH OBST TO VISION	19.4	19.4	25.2	27,72	24.5	25.2	21.3	20.6			22.9
DUST AND/OR SAND											
BLOWING	1.9	5.6	3.2	2.6	1.9	•	1.3	1.9			2.0
SMOKE AND/OR HAZE		9.	1.3	5,2	5.2	5.8	9.	1.3			2.5
500	17.4	16.8	21.9	22.6	17.4	18.7	19.4	17.4			19.0
% OF OBS WITH PRECIP.	20.0	17.4	16.1	21,3	20.6	20.6	20.0	16.8			19.1
HAIL											
SNOW AND/OR SLEET	10.3	11.0	9.7	14.2	11.0	10.3	0.0	0.6			10.6
FREEZING RAIN & OR DRIZZLE	1.9	9.	1.3	1.9	1.9	9.	1.3	9.			1.3
RAIN AND/OR DRIZZLE	0.6	7.1	5.0	5.8	9.1	9.7	9.7	8.4			8.2
THUNDER- STORMS											
HOURS (L.S.T.)	10	*0	6	01	13	16	10	22			
MONTH	DEC										TOTALS

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BRUNSHICK, MAINE 14611 STATION

15642-3605 115H

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73-77

ALL

PERCENTAGE PREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER. STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	706	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NAC	ALL		5.2	1.3	10.7		16.5	11.9	1.6	1.8		15.2	1240
F68			4.2	1.4	•		14.5	14.5	1.9	*		16.7	1128
MAR			8.9	. 5	6.6		15.5	19.8	4.7	6.		24.4	1240
APR			11.9		3.7		15.3	17.2	8.3			24.4	1200
MAY		.3	12.9		2.		12.9	24.9	13.0			36.0	1240
NOT		4.	13.1				13.1	32.4	23.3			53.5	1200
100		2.0	9.0				9.0	25.7	26.3			48.9	1240
AUG		.,	8.5				8,5	31.4	24.4			50.9	1240
SEP		4.	12.6				12.6	30.5	11.9			41.2	1200
100		.2	11.0	4.			11.5	22.1	5.2			26.2	1240
>Q			11.3		3.0		14.0	24.2	4.3	*.		28.4	1200
DEC			8.2	1.3	10.6		19.1	19.0	2.5	2.0		22.9	1240
TOTALS		8.	4.6	* •	3.7		13.5	22.8	10.6	. 5		32.4	14608

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WEATHER CONDITIONS ATMOSPHERIC PHENDMENA

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14611 BRUNSWICK, MAINE

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ALL

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	506	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SAS	DAILY	•1	22.0	9.4	43.2		52.3	36.7	18.1	7.9		47.6	199
FE8		.3	21.1	5.7	43.1	.1	51.7	38.1	17.1	7.9		46.9	135
MAR		•	30.3	3.8	35.2		80.0	41.8	15.8	5,3		47.1	900
APR		1.5	50.6	6.	14.2	*.	53.7	\$0.4	22.2	-	*	55,3	780
MAY		5.7	54.3	1.	1.7	.1	94.6	54.1	25,8			60.9	806
N S		14.4	53.5			•	53.5	63.1	44.1		*	71.0	780
3		14.9	46.3			•	46.3	62.8	52.0			71.7	806
AUG		11.9	44.2				44.2	63.9	49.3			9.69	806
SEP		4.0	45.1				45,1	64.5	36.2			68.3	780
100		2.1	42.2		2.9		43.1	56.5	27.9		-	59,3	806
NON		1.3	***	1.3	16.0		50.6	52.4	18.3	1.2		57.1	780
060		.2	28.0	10.1	40.7		55.1	41.3	13.3	5.5		48.1	811
TOTALS		*.e	40.2	2.5	16.4	. 2	50.1	52.1	28.3	2,3	.1	58.5	9495

ALL	HOURS (L.S.T.)
JANUARY	MONTH
JANUARY 1973 DECEMBER 1977	YEARS
BRUNSWICK, MAINE	STATION NAME
14611	STATION

0

0

NO	63.7	0.09	0.49	73.7	36.4	50.0	33.3	62.4	50.8	74.1	85.9	90.06	82.1	89.8	95.5	86.1		X	986	76.9
BLOWING SAND AND DUST																		X		
BLOWING	3.8	1.6	2.0						1.7				1.5			1.9		\bigvee	22	1.8
SMOKE		0.	2.0	5.3	1.6				5.1	5.2	2.6		1.5		1:1			X	20	1.6
ICE FOG GROUND FOG		6.	2.0									1.2	3.0	4.1	1:1			X	*1	1:1
50	12.6	8.2	12.0	21.1	36.4	30.0	50.0	17.6	40.7	15.5	0.6	5.0	0.6	2.0	1.1	4.4		N N	133	10.7
THUNDER							16.7											M	-	-:
HAIL SMALL HAIL																		X		
SNOW " GRAINS " PELLETS " SHOWERS	27.8	30.9	22.0		18.2				3.4	5.2	3.8	3.5	6.0	4.1	2.2	0.3			132	10.0
SLEET S " SHOWERS ICE CRYSTALS	1:1																	X	80	*.
FREEZING RAIN FREEZING DRIZZLE	5.5	2.7														6.		X	3.6	1.3
DRIZZLE FI	4.4	1.8	2.0						6.8		1.3					2.8		X	21	1.7
RAIN							16.7		3.4	1.7		1.2						M	•	••
RAIN	3.3	2.7	0.9	21.1	36.4	90.0	50.0	11.8	13.6	5.2	5.6		4.3			1.9		N N	+1	3.6
WIND	z	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	*	WNW	WN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

(3)

TOTAL NUMBER OF OBSERVATIONS

1,240

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FEBRUARY	MONTH
JANUARY 1973-DECEMBER 1977	YEARS
BRUNSHICK, MAINE	
14611	

NO	70.1	47.8	4.69	35.0	53.3	11.1	36.4	77.3	75.0	74.0	65.4	88.4	60.0	93.5	89.2	84.2		X	869	77.0
BLOWING SAND AND DUST																		\bigvee		
BLOWING	2.2																	\bigvee		*
SMOKE	1.5	1.4		5.0	6.7	1101		4.5	9.6	2.7	5.4				101			X	22	2.0
ICE FOG GROUND FOG		4.3							1.4	2.7	2.4		1.4						11	1.0
50	11.9	33.3	25.0	40.0	40.0	33.3	54.5	18.2	13.9	17.8	9.8	6.3	6.9	3.3	2.2	10.0			152	13.5
THUNDER																		\bigvee		
HAIL SMALL HAIL																		\bigvee		
SNOW "GRAINS "PELLETS "SHOWERS	18.7	24.0	00	15.0	6.1	40.4	1.6	4.5	2.8	1.4	4.0	4.1	2.1	3.4	8.0	11.7		V	103	1.6
SLEET " SHOWERS ICE CRYSTALS		2.9		3.0														X	•	
FREEZING RAIN FREEZING DRIZZLE		11.6	0.3	5.0	6.1													N N	16	**
DRIZZLE	2.2	8.1	13.9	10.0															18	1.0
RAIN										2.7		2.3						X	6	. 3
RAIN		5.8	5.6	25.0	26.7	33.3	45.5	4.5	4.2	5.5	2.4	2.3							36	9.0
WIND	z	NNE	NE NE	ENE	8	ESE	SE	SSE	S	SSW	SW	WSW	*	WNW	WN	NNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

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1,128

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

HOURS (L.S.T.)	ALL	
MONTH	MARCH	
	1977	
YEARS	RY 1973-DECEMBER 19	NOTTIONS
	JANUARY	S. WEATHER CONDITIO
TION NAME		ć
STATION	MAIN	
	BRUNSWICK, MAI	
TATION	4611	

NO	68.8	67.1	59.6	43.3	34.4	33.3	47.4	47.5	61.9	64.8	74.0	80.0	82.7	97.2	95.5	0.06		\$2 \$	881	71.0
SAND SAND AND DUST																		M		
BLOWING	3.6	1.3	3.5												6.	2.1		M	11	6.
SMOKE	1.8			10.0	3.1	13.3	5.3	7.5	10.8	11.0	8.0	9.8	1.9	1.4				X	28	4.7
ICE FOG GROUND FOG	6.					6.7				4.4								V V	13	1.2
509	20.7	20.3	21.1	39.3	53.1	46.7	47.4	42.5	24.5	16.5	16.0	8.6	11.5	1.4	1.8	5.7		V.	230	18.5
THUNDER	6.																	M	-	1.
HAIL SMALL HAIL																		M		
SNOW " GRAINS " PELLETS " SHOWERS	12.6	15.2	19.3	23.3	15.6	6.1		7.3	1.4	5.5	2.0	5.1	3.0		2.7	5.7		X	08	6.9
SLEET S " SHOWERS ICE CRYSTALS																		M	3=4	
FREEZING RAIN FREEZING DRIZZLE		2.5	1.8	3.3														X	c	
DRIZZLE	6.3	11.4	3.5	3.3	3.1	6.7		7.3	9.0				1.9	1.4	6.			S V	39	3.1
RAIN	1.8							2.5	3.6	2.2	2.0		1:0		0.			X	*	1:1
RAIN	1.8	5.1	17.5	23.3	25.0	26.7	26.3	20.0	1:4	4.4		5.9						72	63	3.1
WIND	z	NNE	N.	ENE	W	ESE	SE	SSE	5	SSW	SW	WSW	*	WNW	N.	MNN	VARIABLE	CALM	TOTAL	% TOTAL

1,240

TOTAL NUMBER OF OBSERVATIONS

1100	こうとな	SAN ICK	MAINE				TANCE	AY 197	9-DECE	JANUARY 1973-DECEMBER 1977	111		-	APRIL ALL
STATION			STAT	STATION NAME					Y E A R S			H L L L L L L L L L L L L L L L L L L L	ĭ	URS (L.S.T.
Q N N		Z A		FREEZING	FREEZING SLEET SNOW RAIN GRAINS "GRAINS	SNOW	HAIL			ICE FOG	SMOKE	SMOKE BLOWING SAND	BLOWING	O Z

NO	64.3	54.4	46.9	35.0	40.1	39.3	25.0	20.0	67.1	76.9	78.1	91.7	88.3	91.9	94.8	91.6			830	10.8
SAND SAND AND DUST																		\bigvee		
BLOWING																		\bigvee		
SMOKE	4.3	1.0	2.0	5.0	3.1	1.1	8.3	0.02	21.0	2.6	6.0	8.2	9.0	2.3	1.0	3.4		2	100	8.3
ICE FOG GROUND FOG				2.5		3.6		-	2.1	1.5	3.1	2.8		9	1.0			X	11	1.4
50	20.0	26.3	45.9	45.0	48.1	39.3	58.3	30.0	0.8	10.8	4.6	2.6	2.0	3.5		2.3			189	15.8
THUNDER																		\bigvee		
HAIL SMALL HAIL																		\bigvee		
SNOW " GRAINS " PELLETS " SHOWERS	12.1	8.8	9.1	10.0	130	1:1	0.0			3.1		2.0	1:1	100	0.1	1.0		M	7	3.0
SLEET SHOWERS ICE CRYSTALS	1.	3.5	2.0	2.5	3.7													M	•	
FREEZING RAIN FREEZING DRIZZLE		1.8																M	-	
DRIZZLE	3.6	5.3	2.9	9.0	3.7	51.4	16.7	2.0						1.2				M	30	5.5
RAIN	5.7	1.8	2.0	5.0		1:1		2.0	4.2	3.1	3.1	2.8	3.3	1.2	1.0	1:1	0, 0, 0	S V	É	8.2
RAIN	5.0	17.3	34.1	37.5	***	1:1	10.1	3.0	•	1.5	0.3			6.3				N N	8	0.0
WIND	z	NNE	NE	ENE	8	ESE	SE	SSE	s	SSW	SW	WSW	*	WNW	WN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,200

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NAVWEASERVCOM

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	1977
NOITIONS	RY 1973-DECEMBER 19
VS. WEATHER CONDITIONS	JANUARY
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	W. IA
	BRUNSWICK
	14611

NO	52.5	55.3	52.1	33,3	35.8	25.7	47.6	45.7	58.1	65.9	78.8	72.5	84.2	98.1	87.9	80.9		TA A	755	6000
BLOWING SAND AND DUST																		\bigvee		
BLOWING																		\bigvee		
SMOKE	6.9	14.9	6.3		3.8	17.1	11.9	15.7	23.3	23.8	12.1	2.5	5.3	4.3	5.1	5.9		V	101	13.0
ICE FOG GROUND FOG		4.9	2.1		1.9	5.9		5.9	3.2	3.8	3.0	2.0			1.5				64	4.0
500	32.5	21.3	39.6	61.9	54.7	48.6	40.5	31.4	15.4	10.5	9.1	20.02	10.5		1.5	4.4		0.7	260	21.0
THUNDER				4	1.9				*.							1.5		\bigvee	•	en .
HAIL SMALL HAIL																		M		
SNOW " GRAINS " PELLETS " SHOWERS	1.3	2.1																\bigvee	N	. 2
SLEET " SHOWERS ICE CRYSTALS																		\bigvee		
FREEZING RAIN FREEZING DRIZZLE																		\mathbb{N}		
ORIZZLE	5.0	2.1	4.2		3.8	17.1	16.7	7.1	1.8	1.9						1.5		V	39	3.1
RAIN	11.3	8.5	4.2		13.2	11.4	4.8	5.9	5.4	9.0	3.0	2.0		3	4.5	10.3		X	69	3.2
RAIN	12.5	4.0	6.3	23.8	20.8	14.3	6.8	5.7	2.3	1.0	3.0					5.5		V V	59	4.8
WIND	z	NNE	NE	ENE	w	ESE	SE	SSE	s	SSW	SW	WSW	*	WNW	*N	NNN	VARIABLE	CALM	TOTAL	% TOTAL

0

TOTAL NUMBER OF OBSERVATIONS

1,240

NAVWEASERVCOM

	S.T.)
ALL	HOURS (L
JUNE	MONTH
1977	
1973-DECEMBER	YEARS
JANUARY	
AINE	STATION NAME
BRUNSWICK, MAINE	
4611	MOITAT

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NO	58.8	54.5	46.9	34.0	12.5	19.2	32.4	33.7	39.0	47.1	44.0	58.3	0.09	55.6	10.0	11.8		N.	535	44.0
BLOWING SAND AND DUST																		X		
BLOWING																		X		
SMOKE HAZE	17.0	15.9	6.3	23.1	1.82	30.8	14.7	13.5	1.82	34.4	0.54	1001	20.0	81.2	1.4	15.6		V	279	23.3
ICE FOG GROUND FOG	1.2	4.5	6.9		3.1	3.8	5.9	3.4	4.3	5.7	2.0	2.4		2.8		2.2		V	09	3.0
50	21.2	27.3	34.4	42.3	56.3	53.8	6.25	6.84	29.4	17.2	0.0	20.8	0.0	8.5	14.8	0.1		0	329	27.4
THUNDER	1.2								•		2.0							X	•	6.
HAIL SMALL HAIL																		X		
SNOW " GRAINS " PELLETS " SHOWERS																		X		
SLEET " SHOWERS ICE CRYSTALS																		X		
FREEZING RAIN FREEZING DRIZZLE																		X		
DRIZZLE	2.4	11.4	6.9	15.4	15.6	15.4	11.8	3.4	1.8	0.	2.0	8.3				4.4		X	4	3.1
RAIN	5.9	4.5	4.0	3.8	6.0	1.1	5.9	4.5	2.8	2.5	8.0		16.0	5.6	1.4			X	*	0.4
RAIN	7.1	0.8	15.0	1.1	12.5	11.5	8.8	11.2	3.1	0.	2.0	6.3	8.0		11:1			W/	67	9.0
WIND	z	NNE	Ä	ENE	3	ESE	SE	SSE	S	SSW	SW	WSW	*	WNW	WN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

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1,200

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NAVWEASERVCOM

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BRUNSKICKS KAINE STATION NAME

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JANUARY 1973-DECEMBER 1977

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WIND		RAIN		FREEZING	SLEET " SHOWERS	SNOW	HAIL	9	0	ICE FOG	SMOKE	BLOWING	BLOWING	O Z
RECTION	N	SHOWERS	DRIZZEE	FREEZING	CRYSTALS	" SHOWERS	HAIL	NO NO N		200	HAZE	NONS	DUST	WEATHER
z	3.0	4.5	3.0					3.0	13.6	3.0	13.6			66.7
NNE	3.6		3.6						7.1	3.6	14.3			71.4
NE									25.0		3.6			71.4
ENE		16.0	4.0						36.0	4.0	16.0			44.0
B		6.3	18.8					6.9	56.3		6.3			37.5
ESE		4.3	21.7					4.3	47.8	4.3	13.0			34.8
SE		5.9							52.9		5.9			41.2
SSE			12					3.0	30.3	6.1	30.4			30.3
s	1.4	6.2	2.4					5.4	25.4	2.7	38.5			34.4
SSW	1.1	7.0	1.6					1.1	16.7	2.7	37.4			4.4
SW		5.7						1.1	17.2	5.7	27.6			52.9
WSW		3.7						3.7	3.7		37.0			59.3
*	2.3	9.1						6.9	15.9		20.5			59.1
MNM		2.6						5.3	6.4	5.6	5.3			78.9
WN		2.3						2.3	4.7	2.3	11.6			83.7
NNN		6.7	1.7					3.3	10.0	1.7	15.0			70.0
RIABLE														
CALM	X	N V	No.	\bigvee	\bigvee	\bigvee	\bigvee	X	X	D A	PV X	\bigvee	\bigvee	N N
TOTAL	12	69	34					25	257	95	326			610
TOTAL	1.0	5.2	2.7					2.0		5.0	26.3			49.2

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TOTAL NUMBER OF OBSERVATIONS

TOTAL % TOTAL

0

0

0

1,240

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BRUNSWICK, MAINE

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JANUARY 1973-DECEMBER 1977

AUGUST

WEATHER	60.2	44.4	44.4	40.0	29.6	22.6	33.3	41.8	32,2	42.0	49.0	42.9	68.3	90.0	82.6	70.8			588	41.4
BLOWING SAND AND DUST																		\bigvee		
BLOWING																		\bigvee		
SMOKE	16.1	17.8	11:1	25.0	1101	10.4	20.8	34.5	*00	35.1	23.5	52.9	21.7	10.0	10.9	21.5			303	54.4
ICE FOG GROUND FOG	6.9	2.2		5.0		3.2		3.6	9.1	3.8	5.9		1.7			4.6		D A	76	6.1
50	1001	31.1	51.9	30.0	55.6	58.1	45.8	21.8	27.0	24.4	25.5	20.0	11.7		8.7	3.1		77	313	25.2
THUNDER				2.0	1111		8.3					5.9						X	0	
HAIL SMALL HAIL																		X		
SNOW GRAINS PELLETS SHOWERS			7															M		
SLEET " SHOWERS ICE CRYSTALS																		\bigvee		
FREEZING RAIN FREEZING DRIZZLE																		\bigvee		
DRIZZLE	2.2	2.2	3.7		3.7	9.7	4.2	1.5	2.2	2.3		2.9			2.2			V V	25	2.0
RAIN	3.2	6.7		10.0	1.4	6.9	8.3	5.5	2.2	3.8		11.4	1.7			1.5		V	41	3.3
RAIN	3.4	11:1	14.8	30.0	16.5	3.2		5.5	1.3	. 8	2.0	2.1	1.7					NA Z	*0	3.2
WIND	z	NNE	N.	ENE	3	ESE	SE	SSE	s	SSW	NS.	WSW	W	WNW	MN	NNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,240

0

JANUARY 1973-DECEMBER 1977 SEPTEMBER BRUNS AICK, MAINE

	-	•	-	-	0	0	0	0	-	0	0			0	-					-
NO	51.	52.8	35.5	66.	30.0	42.	40.9	38.	45.	53.	63.6	71.	86.	85.0	83.3	84.4		X	676	56.3
BLOWING SAND AND DUST																		X		
BLOWING																		X		
SMOKE	7.9	5.7	6.9	4.8	10.0	14.3	13.6	16.0	20.2	17.2	18.2	14.3	13.6	8.3	8.3	4.7		N N	141	11,8
ICE FOG GROUND FOG	2.6	1.9	6.9		10.0				2.5	8.	1.8			3.3	2.1	1.6		ST.	00	3.0
F0G	34.2	22.6	48.4	23.8	35.0	38.1	40.0	44.0	31.3	31.1	18.2	14.3		3.3	8	7.8		X	306	25.5
THUNDER	2.6		3.2	4.8				2.0										X	80	•
HAIL SMALL HAIL																		X		
GRAINS " PELLETS " SHOWERS																		X		
SLEET " SHOWERS ICE CRYSTALS																		X		
FREEZING RAIN FREEZING DRIZZLE																		\bigvee		
DRIZZLE	2.6	5.7	3.2		5.0		4.5	6.0	2.0	1.6						1.6		X	25	2.1
RAIN	9.2	3.8	9.7	9.5	10.0		18.2	8.0	5.1	1.4	1.8	5.9						X	9	3.8
N N	11.8	22.6	29.0	9.5	25.0	23.8	9.1	12.0	9.6	4.9	1.8	9.8		1.7	2.1	3.1		N N	9	6.1
WIND	z	NNE	NE	ENE	3	ESE	SE	SSE	s	SSW	SW	WSW	*	WNW	N.	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,200

ALL HOURS (L.S.T.) OCTOBER MONTH JANUARY 1973-DECEMBER 1977 BRUNSWICK, MAINE

0

0

0

0

0

NO WEATHER	68.2	60.09	57.1	45.5	37.5	31.6	57.1	61.5	63.8	65.5	81.5	90.2	92.0	4.06	91.4	87.1		\$ 1 × 1	890	4 . 6
SAND AND DUST																		\bigvee		
BLOWING																		\bigvee		
SMOKE	1.9	3.1		4.5	2.4	15,8		3.8	12.8	9.2	2.6	2.4	2.0	1.9	1.04	4.3			*0	-
ICE FOG GROUND FOG	1.9	1.5							5.7	5.0	1.5		2.0			6.			\$	-
509	26.1	30.8	38.1	50.0	58.3	52.6	28.6	30.8	19.9	18.5	5.9	6.4	0.4	7.7	7.1	6.9		V	230	
THUNDER					4.2						1.5							\bigvee	2	
HAIL SMALL HAIL																		\bigvee		
SNOW "GRAINS "PELETS "SHOWERS	9.																	\bigvee	1	
SLEET " SHOWERS ICE CRYSTALS	0.																	\bigvee	1	
FREEZING RAIN FREEZING DRIZZLE											1.5					6.		X	•	
DRIZZLE	4.5	6.2		4.5	6.3			1.1	1.2							6.		\$\lambda{\}	92	
RAIN	2.5	4.6	1.1		8.3		28.6	3.8	2.8	3.4	4.6					6.		V	28	
RAIN	11.5	24.6	19.0	27.3	29.5	31.6	14.3	11.5	6.9	0.6		2.		1.9		1.7			48	
WIND	z	NNE	WZ	ENE		ESE	SE	SSE	s	SSW	AS	MSM	*	MNM	N.	MNN	VARIABLE	CALM	TOTAL	

0

0

0

0

6

TOTAL NUMBER OF OBSERVATIONS

1,240

0

1

0

NAVWEASERVCOM

	NAME
MAINE	STATION
BRUNSKICK	
14611	STATION

0

0

ALL	HOURS (L.S.T.)
NOVEMBER	MONTH
JANUARY 1973-DECEMBER 1977	YEARS

NO	69.7	63.9	51.6	48.0	26.1	46.7	66.7	55.0	56.9	69.2	74.0	87.3	96.5	85.3	84.8	65.5		2	836	69.7
BLOWING SAND AND DUST																				
BLOWING	6.	1.2													1.3	2.3		X	-	*.
SMOKE	3.7	2.4	3.2					15.0	6.0	12.8	8.2	2.8		1.3		1.1			25	6.4
ICE FOG GROUND FOG	1.8	1.2							3.0	1.3	4.1	1.4				1.1		X	25	2.1
50	18.3	28.9	41.9	40.0	73.9	46.7	33.3	30.0	30.4	19.2	12.3	7.0	3.5	10.1	12.1	33.0		77.7	265	22.1
THUNDER																		X		
HAIL SMALL HAIL																		X		
SNOW GRAINS PELLETS SHOWERS	8.3	3.6	6.5	12.0	4.3				2.0				1.2	2.1	1.5	9.1		2	36	3.0
SLEET " SHOWERS ICE CRYSTALS																		X		
FREEZING RAIN FREEZING DRIZZLE																		X	1	.1
ORIZZLE	3.7	3.6	6.5	16.0	13.0	6.7		5.0	2.0					2.7	3.0	2.3		Š V	33	2.8
RAIN	2.8	1.2								1.3	1.6	1.4						X	•	
RAIN	7.3	18.1	19.4	20.0	43.5	46.7	22.2	10.0	6.9	3.8	5.5	2.8	2.3	1.3	3.0	11.4		V	9.5	1.9
WIND	z	NNE	Ä	ENE	Ε	ESE	SE	SSE	S	SSW	NS SW	WSW	*	WNW	MN	NNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

0

1,200

0

NAVWEASERVCOM

BRUNSWICK, MAINE	JANUARY 1973-DECEMBER 1977	DECEMBE
STATION NAME	YEARS	MONTH

0

NO	60.0	57.4	65.8	56.3	23.5	27.3	20.0	25.7	2.65	62.1	85.5	85.7	89.8	83.9	89.5	81.5		X	878	10.6
SAND AND DUST																		\bigvee		
BLOWING	3.5	10.1													7.2	2.4		M	25	2.0
SMOKE	••	1.6				1.6	0.02	3.1	4.0	10.6	3.0	100	1:1			1.07		S	31	5.5
CE FOG GROUND FOG	•						20.0		3.1	9.1	1.8		1	::	2.3				22	1.8
50	22.4	17.8	19.8	25.0	64.7	54.5	40.0	65.7	41.3	21.2	1.3	10.2	9.8	2.6	5.6	10.1		P A	213	17.2
THUNDER																		\bigvee		
HAIL SMALL HAIL																		\bigvee		
"GRAINS " PELLETS " SHOWERS	22.4	24.0	23.7	18.8	17.0			2.4	4.0	3.0	1.0		2.1	8.0	3.5	3.6		V \	124	10.0
SLEET S " SHOWERS ICE CRYSTALS	4.1	4:4		6.3											2.1			X	13	201
RAIN RAIN REEZING DRIZZLE	5.4	3.1	5.6		3.9				4.7						7.1	1.0		X	16	1.0
DRIZZLE	4:1			6.9	29.4			5.9	0.4			2.0		3.4		9.		X	62	5.3
RAIN								5.0	4.6							9.		X	•	•
K	3.5	3.4	13.2	18.8	35.3	03.0	0.00	34.3	10.8	1.0	3.6	1.,	1.1		7.1			N N	72	9.0
WIND	z	NNE	Ä	ENE	B	ESE	SE	SSE	s	SSW	AS	WSW	*	WNW	MN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

0

TOTAL NUMBER OF OBSERVATIONS

1,240

0

7.8

RAIN SHOWERS DRIZZLE FREZING CLE PREZING CLE PREZING CLE PROWING SAND NO GROUND CLE PROGRAM SHOWERS SHOWERS HAIL SHOWERS HAIL CHYSTALS SHOWERS HAIL CHYSTALS SHOWERS HAZE SNOW DUST WEATHER

NO	63.6	57.7	55.9	44.9	32.3	30.6	39.5	44.3	1.64	57.7	10.4	20.8	63.8	87.9	89.5	82.2		X	9322	63.6
SAND AND DUST																		\bigvee		
BLOWING	1.5	3.1	9.						0.				.2			1.2		\bigvee	67	
SMOKE	6.4	5.1	3.0	9.4	1.4	14.9	10.5	1001	53.5	2112	14.2	1.1	9.9	3.8	5.9	4.4		22	1557	1001
ICE FOG GROUND FOG	1.3	1.9	1.3	1.1	1.3	5.6	6.	1.8	3.3	3.4	2.7	1.2		1.0	1.0	9.		7	455	3.1
509	20.2	22.2	31.8	38.2	53.9	48.1	46.8	36.6	24.6	19.0	12.4	10.0	4.4	0.4	4.5	9.1		924	2877	19.7
THUNDER	•		.2	1.1	2.0	•	1.0	3.	· ·	2.	*	*.	••		-:	. 3		X	51	. 3
HAIL SMALL HAIL																		M		
GRAINS GRAINS PELLETS SHOWERS	11.0	12.9	8.3	7.0	4.4	3.0	1.4	1.0	c.	1.0	1.0	1.5	2.0	2.2	2.1	4.5		X	519	3.0
SLEET S " SHOWERS ICE CRYSTALS	0.	1.5	.2	1.1	. 3				0.						-:			V	32	. 2
FREEZING RAIN FREEZING DRIZZLE	1.1	2.2	1.1	••					0.		-:				•	4.	2	X	19	4.
ORIZZLE	3.8	9.4	4:4	3.6	8.1	11:1	8.2	5.0	2.3	6.			. 2	1.0	c.	1.2		V V	363	2.5
RAIN	3.1	2.0	2.6	3.0	5.4	4.7	5.9	3.6	3.8	3.4	2.5	2.3	1.8	6.	1.0	1.5		N N	365	5.5
Z Z	5.6	10.3	15.4	21.1	25.6	18.7	14.1	10.7	3.7	5.9	2.2	2.7	1.5		1.0	1.9		P N	734	9.0
WIND	z	NNE	NE	ENE	w	ESE	SE	SSE	S	SSW	NS.	WSW	3	WNW	WN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

14,508

NAVWEASERVCOM

œ PART

PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

SNOW DEPTH

SNOWFALL*

DERIVED FROM DAILY OBSERVATIONS

- The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual may be misleading. ;
- The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing. ö

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

From beginning of record thru 1945 Jun 57-present Jan 46-May 57

Snow depth at 1200 GCT Snow depth at 0800 LST Snow depth at 1230

Jul 52-May 57 Jun 57-present

U. S. Navy and Weather

Bureau Stations

Snow depth at 1230 GCT Snow depth at 1200 GCT Snow depth at 0030 GCT From beginning of record thru Jun 52

* Hall was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

BRUNSHICK, MAINE STATION NAME

YEARS

NTS				.89	1.31	.73	1.13	. 54	1.12		1.07		. 96	1.22	1.42	X
MONTHLY AMOUNTS	(INCHES)			9:44	7:34	0.87	6.35	6.40	69.9	5.92	90.8	1.60	8.64	0.28	9.00	X
MONTH	-	1		3.68	3.98	3.9510.87	3.65	3.35	3.38	2.68	3.10	3.3311.60	3.71	4.8110.28	5.04	99.4
	NO.	9 S		806	762	837	040	868	840	868	808	810	837	910	837	992144.66
PERCENT	OF DAYS	MEASUR-	AMTS	36.5	36.9	39.4	7.76	38.9	36.5	30.3	29.0	32.1	30.8	39.4	37.6	35.0
	OVER 20.00	OVER 50.4	OVER 120										and the space			
	5.01-10.00 10.01-20.00 OVER 20.00 OF DAYS	25.5.50.4	61-120													
	5.01.10.00	15.5.25.4	49.60								.1		No.			0.
	2.51.5.00	10.5.15.4	37.48	.1			1.		.2			.2		.1	.2	•
	1.01-2.50	6.5-10.4	25.36	2.2	3.7	2.9	3.1	1.6	2.7	1.5	2.2	1.6	2.9	*:	4.3	9.8
CHES	.51.1.00	4.5.6.4	13.24	5.5	6.3	6.9	3.6	4.7		3.8	9.8		4.3	6.5	6.5	9.0
AMOUNTS (INCHES)	2650	3.5.4.4	7.12	6.9	7.1	4.7	9.0	7.0	6.9	4.0	5.0	5.1	4.2	4.0	7.4	6.1
AMO	.1125	2.5.3.4	4.6	1.6	7.3	7.2	8.1	9.6	6.9	7.0	6.1	0.0	6.1	7.8	7.5	7.8
	0190.	1.5.2.4	•	5.5	5.4	4.9	5.4	4.7	4.9	5.1	2.7	4.7	3.2	5.3	4.8	6.7
	.03.05	0.5-1.4	2	9.6	5.0	6.8	5.7	7.6	7.3	1.9		5.8	5.5	9.6	4.9	6.1
	5	0.1.0.4	-	1.6	1.6	2.2	3.5	3.5	3.8	2.1	2.2	3.6	3.6	3.5	2.0	2.7
	TRACE	TRACE	TRACE	15.9	15.2	15.1	16.1	16.7	17.1	10.1	14.9	13.3	12.4	11.6	17.1	15.1
	NON	NON	MONE	48.0	48.3	49.0	46.2	44.4 16.7	46.7	93.6	1.06	94.6	96.0	49.0	45.3 17.1	18.1
	PRECIP.	SNOWFALL	SNOW.	NAL	5	MAR	APR	MAY	N N	JO.	AUG	SE	9C1	NOV	DEC	ANNUAL

NAVWEASERVCOM

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(3)

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

BRUNSWICK, MAINE

45-46, 52-77

						AMC	AMOUNTS (INCHES)	(CHES)						TABORA		NOW	MONTHLY AMOUNTS	UNTS
PRECIP.	NON	TRACE	5.	.0205	0100.	.n.25	.26.50	.51.100	1.01-2.50	2.51-5.00	2.51-5.00 5.01-10.00 10.01-20.00 OVER 20.00 OF DAYS	10.01-20.00	OVER 20.00	OF DAYS	NO.		(INCHES)	
SNOWFALL	NON	TRACE	0.1.0.4	0.5-1.4	1.5.2.4	2.5.3.4	3.5.4.4	4.5.6.4	4.5.10.4	10.5-15.4	15.5.25.4	25.5-50.4	OVER 50.4	MEASUR-	9 o	NASA	COPFATECT	LEAST
SNOW. DEPTH	NON	TRACE	-	2	•	4.6	7.12	13.24	25.36	37.48	49.60	61.120	OVER 120	AMTS				
NYI	57.2	17.5	5.7	6.7	4.7	2.4	1.5	2.2	1.2	9.	.2			25.3	806	19.1	47.8	5.6
121	57.2	17.6	4.5	7.5	3.4	2.5	1.6	2.5	2.4	6.				25.2	762	20.0	49.1	2.4
WAR	67.4	13.9	3.9	4.8	3.3	1.4	1.1	1.7	1.8	.,				18.6	837	16.2	43.5	• 0
NAV	86.3	7.8	1.2	1.5	1.5	9.	9.	.2	•1					5.9	810	3.7	13.7	•
AVW	98.2	1.3		.1	.1	.2	.1							•	868	*	6.0	
N	100.0														840	0.	•	.0
ž	100.0														868	0.	0.	•
AUG	100.0														837	0.	0.	.0
8	100.0														810	0.	0.	.0
100	97.3	2.2	-:	.2	1.		1.		¥					9.	837	.3	*.*	•
NOV	83.6	10.2	1.2	2.3	•	. 5	.2	6.	.1					9.5	810	3.6	13.8	0.
DEC	60.0	18.0	4:1	6.2	2.7	3.1	1.7	1.7	1.8	*.	4.			22.0	837	19.0	61.7	.2
ANNUAL	83.9	7.4	1.7	4.2	1.4	6.	9.	20	9.	. 2	0.			8.7	9922	82.3	X	X

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

BRUNSWICK, MAINE

82-77

MONTHLY AMOUNTS	ES															
NTHLY A	(INCHES)															2
O¥		7497														
	NO.	9 o		744	678	175	750	806	780	806	806	780	806	780	806	
PERCENT	OF DAYS	MEASUR-	AMTS	86.4	82.3	56.8	7.1	.1					•	7.3	52.6	:
	VER 20.00	OVER 50.4	OVER 120													
	0.01-20.00	25.5-50.4	61.120													
	5.01-10.00 10.01-20.00 OVER 20.00 OF DAYS	15.5.25.4	49.60													
	2.51-5.00	10.5.15.4	37.48	1.9											.2	ľ
	1.01-2.50	6.5.10.4	25.36	2.8	8.8	2.1									•	
(HES)	51.1.00	4.5.6.4	13.24	14.8	18.0	13.3	.3								0.0	
AMOUNTS (INCHES)	2650	3.5.4.4	7.12	21.0	19.3	13.2	1.2							-:	8.9	,
AMO	.1125	2.5.3.4	4.6	14.0	16.8	9.5								1.2	12.7	
	0190.	1.5-2.4		12.0	0.0	*:							1.	6.	0.9	
	.0205	0.5-1.4	2	6.6	6.7	3.4	1.3						7.	1.8	6.9	•
	10.	0.1-0.4	-	4.6	*:	0.0	2.8	7					-:	3.3	11.0	•
	TRACE	TRACE	TRACE	7.7	4.6	15.7	8.4						•	6.3	13.5 11.0	•
	NONE	NON	NON	9.9		27.5	84.3	99.9	100.0	100.0	100.0	100.0	0.66	90.4	33.9	-
	PRECIP.	SNOWFALL	SNOW. DEPTH	NAL		MAR	*	MAY	N	101	NUG 1	SEP	٥٥	> Ox	DEC	· VIII

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PRECIPITATION (FROM DALLY OBSERVATIONS)

24 HOUR AMOUNTS IN INCHES

45-460 51-77

BRUNSWICK, MAINE

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YEAR	JAN.	E	MAR.	APR.	WAY	, vo	-101		35.	-			MONTHS
6.5		09.	04.	1.53	1.21	-	1.20	.57	19.	1:1	76.	1.13	
•	. 86	09.	. 48	66.	. 50	84.	. 79						
25				1.42	0	1, 28	4	. 74	1.27	1.34	1.44	04.6	
					2	••	•	•					4
23	0		2.19	1.12		200	1.57			-	1.87		-
34	1.51	1.09	.76	2.01	1.71	1.33	10.	1.39	80.0	.39	1.37		8.05
55	m	1.15	1.10	.65	. 80	1.07	1.12	.70	.28	74.7			
96	. 89	00.	.85	.80	1.44	.39	. 82	1.27	. 95	2.12	1.93	. 36	2.12
57	.57	19.	.93	0	1.36	49.	. 73	96.	14.	99.	1.65	19.	
28	1.87	**	1.44	1.31	.75	. 86	1.41		16.	*6.	1.66	.70	1.87
99	0	.87	1.72		.38	1.88		96.			1.12	1.61	
00	1.30	1.55	1.40	1.20	1.67	1.48	1.46	99.	1.91	1.05	1.19	1.78	
10	1.01	1.21	1.20			1.43		19.	-		1.41	.95	
29	1.05	1.26	.70	1.33	*1.	. 45	1.17	. 87		2.86	1.46	3.12	3.12
63	7	68.	1.33		. 98	1.99		1.72	1.26	1.29	65.2		
*0	1.30	1.10	1.10	1.14	+9.	1.37	98.	.73		.78	1.99	.70	1.99
65	.50	3.03	.23		.16	1.13	. 22		.76	86.	1.74	.67	1
99	1.78	1.4	86.	.35	84.	. 87	*	1.84	1.54	1.34	2.05	06.	2.05
67	.25	1.90	.95	2.06	. 63	2.85	.70			. 33	.73		
69	. 55	.67	89.	1.08	69.	1.45	. 36	. 79	•	.67	1.48	1.77	
69	1.40	0	1.84	2.19	64.	14.	3.23		2.88	. 58	2.07		.2
10	.24	1.37	1.50	2.26	2.30	1.63	40.	1.58		2.05	. 37		2.30
11	. 58	1.51	06.	1:17		08.	. 88			2.71	1.35	09.	-
72	*8*	1.54	1.82	.36	. 97	5.09		04.	2.95	2.76	1.61		٥.
73	1.05	1.36	1.02	1.79	1.46	1.51		1.40	*6.	2.20	.57		.5
7:	1.26	1.60	1.50			2,00	2.00	. 59	1.78	.79	1.51	1.12	2.00
7.5	11:1	*6.	1.35	-	N	2.66		1.65	0	1.13			7
76	00.	1.20	66.	2.28		69.	1.51	5.85	. 51	2.01	. 54	1.32	
*	2.78	1.34	5.50	1.69	1.70	06.	. 50	1.03	1.74	2.57	1.78	2.26	2.78
MEAN	1.05	1.22	1.19	1.37	10.1	1.28	1.04	1.26	1.49	1.44	1.46	1.40	2.76
S. D.	.553	. 507	.518	.631	.553		+19.	1.043	1.495	.788	064.	.742	1.411
TOTAL OBS	808	76.7	N 3.7	N.A.	24.4.40	4 1 4							

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NAVWEASERVCOM

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PRECIPITATION

/BASED ON LESS THAN FULL MONTHS/ 45-46, 51-77

BRUNSWICK, MAINE

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YEAR	16	25	65							MEAN	S. D.	TOTAL ORS
JAN.		TRACE					- 100 - 100					
Ę		0.4										
MAR.		300										
APR.							(A)					
MAY							185 200 215					
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MONTHS

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EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

24 HOUR AMOUNTS IN INCHES 11.1	2	BRUNSWICK	-	3			45-460	6, 51-77	11				
24 HUUR AMUNTS IN INCHES 24 HUUR AMUNTS IN INCHES 25 HUUR AMUNTS IN INCHES 26 HUUR AMUNTS IN INCHES 26 HUUR AMUNTS IN INCHES 27 J J J J J J J J J J J J J J J J J J J			STATION	N NAME					8	YEARS			
TEB. MAR. MAY. JUL. JUL. AUG. SEP. OCT. 11.1 TRACE 3.5 S. 00 .00 .00 .00 .00 .00 .00 .00 .00 .					Ä		AMOUNT	Z	NO THE				
11.1		JAN.	Ę	MAR.	APR.	MAY	ž.	JU.	AUG.	SEP	OCT.	NO N	
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12.6	1	0.9	4.1	1.7		AC	0	0.	0.	0.	0.		
10.0 2.3 2.0 2.3 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0		4.2	4.0	7.1	TRAC	0.	0.	•	•	•	•	1.1	
12.6		9.0	10.01	5.2			0.	•	0.0	0.0	RACE		
12.0 12.3 74ACE		2.0		2:		1	•	•				-	
11.0 11.0 TRACE 0			200	No		•	•	•	•	•		4	
12.6 TRACE		6.8	200	5.5	-		20	20	20		TRACE		
11.0 11.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .		12.0		12.6	-			0	•		•		
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13.0 9.5 1.0 2.6 .0 .0 .0 .0 .0 18ACE 10.4 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0		8.0		=		0.	0.	0.	0.	•	•		
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10.8 5.94000000 18ACE 15.4 9.6 2.8000000000 .		6.7		•			•	0.	•	•	•	2.0	
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15.4 9.6 2.8 .0 .0 .0 .0 .0 TRACE 5.5 4.2 7.6 .0 .0 .0 .0 .0 TRACE 5.5 4.2 7.6 .0 .0 .0 .0 .0 .0 TRACE 5.5 5.6 5.6 .0 .0 .0 .0 .0 .0 TRACE 5.5 5.6 5.6 .0 .0 .0 .0 .0 TRACE 5.5 5.6 5.6 .0 .0 .0 .0 .0 TRACE 5.5 5.6 5.6 5.0 .0 .0 .0 .0 TRACE		2.3		•	-	TRA	•	•	•	•	AC	0.	
15.4 9.6 2.8 .0 .0 .0 .0 .0 .0 TRACE 5.5 4.2 7.6 .0 .0 .0 .0 .0 .0 TRACE 5.5 5.8 5.8 .0 .0 .0 .0 .0 .0 TRACE 5.5 5.8 5.8 .0 .0 .0 .0 .0 .0 TRACE 5.2 5.0 TRACE 5.2 5.0 .0 .0 .0 .0 .0 .0 TRACE		2.0		•	=		0.	•	0.	0.	0.	8.0	
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5.5 4.2 7.6 .0 .0 .0 .0 .0 TRACE 5.3 5.8 3.6 .0 .0 .0 .0 .0 TRACE 5.2 9.0 TRACE .0 .0 .0 .0 TRACE 5.2 9.0 2.4 .9 .0 .0 .0 .0 TRACE	1	10.5			-		0.	•	0	•	0.	TRACE	
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0. 0. 0. 0. 0. 6. 4.2 0.6 2.6		4.0		•	TRA		•	•	0.	•	TRACE		
	1	17.0		6	•		0.	•	0.	0.	0.		

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TOTAL OBS.

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14611 STATION

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SNOWFALL

/BASED ON LESS THAN FULL MONTHS/

BRUNSHICK, MAINE

45-46, 51-77

OCT. NOV.											
SEP. OC							0.00				
AUG.							Dr. og stagfælde				
JUL.											
, NOT											
MAY							, y				
APR.			TRACE 29								
MAR.		2.3									
5		٠.٦									
JAN.		TRACE					and the second second				
EAR MONTH	15	25	**				10 TE		MEAN	S. D.	241 000

NAVWEASERVCOM

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(FROM DAILY OBSERVATIONS)

SNOW DEPTH

45,

52-77

DAILY SNOW DEPTH IN INCHES

MONTHS				13	02	25	26	27		20	51	23	27	57		-	2.2	23	36	40	33	38	26	7	23	24	*	24.3	8.619	166
DEC.		TRACE	22	190		*		00	-	-	1	~		=	•	S	0	8	12	04	20	25	~	91	23	\$2	15	12.4	9.020	806
NOV.		TRACE	TRACE	-	-	*	0	-	0	0	0	~	1	TRACE	-	0	-	~	TRACE	0	~	•	0	5	2	-	-	2.0	226.2	780
OCT.		0	0	0	0	0	0	0	0	0	0	TRACE	0	0	-	0	0	0	•	0	0	0	0	0	0	0	0	2.	.613	800
SEP.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o.	0000	780
AUG.		0	0	00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.	000.	806
JUL.		0	0	00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.	0000	806
JUN.		0		00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.	000.	780
MAY		0		0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9.	961.	908
APR		0		0	0	19	2	0	TRACE	0	-	~	TRACE	TRACE	TRACE	0	•	0	TRACE	0	10	2	2	•	9	0	TRACE	2.2	4.390	150
MAR.			-		4	25		12		9.7	17	54		2	-	*	27	30	34	•	22	20	~	~	2	13	12	13.1	054.6	775
FB.			T	13	20	19	-	27	*	20	2	25	52	13	0	17	25	-	35	•	62	38	=	٥	12	•	30	17.8	9.222	678
JAN.				11	0	-	26	20	-	20	12	•	17	10	0	17	4	23	12	-	33	•	92	*	0	22	75	15.0	9.558	144
WEAR	5.04	52	8.3	::	35	36	37	28	39	00	10	29	63	**	65	99	67	99	69	70	17	72	7.3	7:	7.5	16	#	MEAN	S. D.	TOTAL OBS.

NAVWEASERVCOM

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BRUNSHICK, MAINE STATION NAME

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(FROM DAILY OBSERVATIONS)

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SNOW DEPTH

/BASED ON LESS THAN FULL MONTHS/ 52-77 45.

BRUNSHICKS MAINE

NO

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191569

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JGN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL
4.5		•	0	c	0	0 -1	0	0	0	0	c	0	SNO DPTH DAYS
94	0	•	0	0	0	0	0						SNO DPTH DAYS
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77%													
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MEAN													
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TOTAL OBS.													

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DAILY EXTREME AMOUNTS

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1952-1977 1946-1946

YEARS

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PR	MOUSe	A A	25	26		•	•		66.	24.		.62	.36	04.	15.	80.	. 59	.10	60.	. 77	. 54	.73	.27	09.	06.	• 20	€0.	.55		76.	10.		
PRECIPITATION GREATEST	MAN	IAIIAI	35	1	33	17	17	19	25	36	22	16	35	18	38	1.2	04	28	28	20	39	19	-	14	84	35	11	39	16	52			
NO	DATE	1074	1079	67.5	014		1971	1960	1953	1963	1959	1970	1960	1963	1971	1960	1953	1964	1954	1976	1972	1961	1961	1974	1961	1962	1968	1960	1971	1958	1976*		
SO	NOUSE	INCHES			0 .				5.5	7.0	8.5	5.0	1.3	7.0	0.9	2.1	7.8	11.0	10.0	4.4	15.4	11.1		6.9	13.0	12.6	10.8	11.0	5.0	4.0	0.1		
SNOWFALL	MANA	O C	000	200	120	61	165	135	140	178	216	127	33	178	152	53	198	279	254	112	166	282	63	175	330	320	274	516	127	163	3		
	DATE	1046	1000	0 7	714	1901	1971	1975	1974	1971	1969	1968	1959	1963	1958	1961	1955	1964	1955	1956	1972	1946	1967	1965	1961	1962	1969	1972	1946	1958	1976		

188

* ALSO ON EARLIER YEARS 1966 442 1977 6961 01

1946

1960

1967

1889

T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

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14611 STATION

STATION NAME

BRUNSWICK, MAINE

JANUARY

NAVAL WEATHER SERVICE DETACHMENT

ASHEVILLE, NORTH CAROLINA

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DAY

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1956

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1972 1962

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1959

DATE

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INCHES

SNOWFALL

PRECIPITATION GREATEST

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1953

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1975 1976

1.11

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1956

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Monthly

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DAILY EXTREME AMOUNTS

1945-1946

STATION NAME

MONTH MARCH

BRUNSHICK, MAINE

14611 STATION

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NAVAL WEATHER SERVICE DETACHMENT

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ASHEVILLE, NORTH CAROLINA

1952-1977

YEARS

MONTH APRIL

1970* DATE 1946 1956 1958 1972 1986 1958 1958 1953 1972 1962 1975 1967 1971 1961 1967 1967 1986 1945 1965 1958 1959 1971 1961 SNOWFALL 1112 98 193 89 28 38 31 23 6 28 15 Σ 3.4 4.4 4.5 3.6 2.0 3.5 7.6 : 1.5 3.6 3.4 2.0 3.8 1.1 0.3 2.8 3.0 1.5 2.1 INCHES 27 1966 DATE 58 1976 57 1970 14 1958 81 1978 39 1945 9 1956 21 1974 0 1958 15 1965 20 1953 7961 67 14 1964 26 1969 35 1970 9961 62 38 1973 33 1958 10 1956 30 1971 51 1954 52 1967 10 1953 7 1945 33 1958 8961 12 1961 /1 37 1961 13 1969 35 1969 PRECIPITATION GREATEST Σ 2.06 0.53 3.18 1.53 0.54 1.46 0.37 0.81 19.0 0.25 0.58 1.14 0.56 10.2 0.36 0.29 1.31 2.19 1.40 1.08 1.51 16.1 14.0 1.07 1:17 INCHES DAY 13 22 30 2 = 14 15 16 18 8 27 28 ~ 2 9 1 8 6 12 17 19 21 23 24 25 92 23 3

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) A V	_	1	2 6	3	4	5 0	9	7 0	8	6	10	=	12	13 2		15	16	-	18 0	19 0	20	21	22	23	24 0	25	26	de.	28 0	29 0	30	31
PR B	INCHES	. 10	66.0	.10	97.	.89	2/	1.95	1.65	.93	01.	00.	67.	.19	06.7	***	86.	.31		. 60	. 35	05.	79.	40.		+9.	03		.30	94.	01.	04.
PRECIPITATION GREATEST	MM	28	14	28	35	23	**	54	17	+2	28	52	26	96	63	37	90	33	20	13	34	38	94	82	25	13	*	23	•	21	28	36
NO.	DATE	5561	9661	2/61	1960	1972	6661	1961	1972	1957	1964	1952	1959	1953	1461	1958	1953	1960	1977	1960	1975	1970	2/61	1461	1966	6961	1953	1953	1976	1961	1953	0961
S 5	INCHES	6.8	9:4	5.9	12.6	8.9	1.4	9.5	3.8	7.8	11.0	0.6	11.5	6.1	12.0	12,3	6.6	11,4	8.0	0.9	3.3	7.2	2.5	0.6	8.9	1,3	9.0	0.8	-	7.2	6.3	
SNOWFALL	MM	173	117	150	320	226	119	241	46	198	510	677	262	155	305	312	251	290	203	152	48	183	132	529	173	33	5	20	-	69	160	-
	DATE	1975	1976	1969	1960	1972	1955	1961	1986	1961	1964	1971	1959	1970	1961	1958	1976	1960	1977	1960	1971	1958	1955	1977	1956	1684	1965	1966	1976	1961	1986	1974

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ALSO ON EARLIER YEARS

T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

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Monthly

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DAILY EXTREME AMOUNTS

1945-1946 1952-1977 YEARS

		DATE																															
	SNOWFALL	MM																															
TH	ឆ១	INCHES																															
JUNE	Z	DATE	1972	1952	1461	1975	1977	1963	1972#	1979	1968	1961	1945	1955	1975	1959		1973	1974	1959	1957	1961	1967	1961	1954	1961	1976	1958	1970	1959	1973	1964	1969
	PRECIPITATION GREATEST	MM	53	33	20	35	18	16	13		20	28	22	12	89	71	38	38	16	13	11	7.5	31	36	34	35	18	19	7.	48	13	17	12
	PREC	INCHES	2.09	1.28	0.80	1.26		1.99	0.51	0.45	0.30	1,12	0.88	1.07	2.66	19.0		1,51	•	0.50				1.43	1.33	1.37	69.0		1.63		0.58	99.0	2.85
	2	- A	-	2	3	4	2	9	7	80	6	10	=	12	13	14	15	16	17	18	19	20	21	22	23	24	25	36	27	28	29	30	31 Monthly

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1945

• ALSO ON EARLIER YEARS T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCE ANMET - SMOS

NAVAL WEATHER SERVICE DETACHMENT

ASHEVILLE, NORTH CAROLINA

STATION NAME

BRUNSHICK, MAINE

14611 STATION MAY

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SNOWFALL

PRECIPITATION GREATEST

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Monthly

DAILY EXTREME AMOUNTS

STATION NAME

JULY

DAY

BRUNSWICK, MAINE

STATION

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

1945-1946 1952-1977

1	SNOWFALL
MON	PRECIPITATION

AUGUST

PRECI	-																																
E	INCHES	1.27	1.46	18.0	1.72	1.74	1.03	0.67	0.66	5.85	1.75	0.68	0.40	0.62	0.41	0.84	0.23	1.04	0.37	0.57	0.87	0.50	1.84	1.58	0.33	19.0	19.0	69.0	1.50	0.00	1.65	1.27	N X X
	DAY	-	2	3	4	2	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	56	27	28	59	30	31	Month
	DATE																																
SNOWFALL	MM																																
S G	INCHES																																
z	DATE	1971	1955	1961	1974	1961	1945	1960	1963	1974	1945	1958	1976	1953	1964	1945	1961	1976	1965	1971	1945	1975	1961	1953	1976	1961	1958	1953	1969	1957	0961	1976	1969
PRECIPITATION GREATEST	MM	18	82	13	15	14	-	•	36	12	13	-	38	04	22		_	13	•	22	1		13	10	33	1.8	8	17	28	10	37	22	112
PREC	INCHES	0.00	1.12	19.0	2.00	0.56	1.20	42.0	1.43	96.0	25.0	10.1	1.51	1.57	0.86	1.04	0.53	0.50	01.0	88.0	99.0	28.0	16.0	14.0	42.1	0.10	0.33	99.0	3.23	0.73	1.46	0.85	3.23

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* ALSO ON EARLIER YEARS T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

Monthly

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DAILY EXTREME AMOUNTS

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1952-1977 1945-1946

YEARS

OC TOBER MONTH

	DATE		1974										1966			1961	1961	1970		1959	1974	1969	1969			1955	1962		1965	1966	1963		1969
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ซือ	INCHES		•										-			1.4	-	-		+	•		4.4			-	0.1		1.1	-	2.0		4.4
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PRECIPITATION GREATEST	MM	65	13	34	2	12	73	10	23	94	69	13	23	•	•	16	20	28	59	20	37	51	11	96	34	39	12	13	45	33	57	19	73
PRE	INCHES		0.50	1.34	0.18		2.86	2.76	16.0		2.71	0.50	16.0	0.24	0.23	1.23	0.79	1.10	1.13	0.79	1.44	2.01	94.0	2.12	1,35	1.53	0.82	0.51	1.76	1.29	2.26	2.41	2.86
	DAY	-	2	3	4	S	9	7	8	6	10	=	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly

• ALSO ON EARLIER YEARS T ~ TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

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NAVAL WEATHER SERVICE DETACHMENT

ASHEVILLE, NORTH CAROLINA

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STATION 14611

STATION NAME

BRUNSKICK, MAINE

SEPTEMBER

MONTH

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DAILY EXTREME AMOUNTS

1952-1977 1945-1946

STATION NAME

BRUNSWICK, MAINE

14611 STATION

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NOVEMBER

MONTH

NAVAL WEATHER SERVICE DETACHMENT

ASHEVILLE, NORTH CAROLINA

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SNOWFALL	MM	76	36	112	109	203	178	53	69	102	3	18	166	102	127	173	226	533	203	127	16	142	305	16	483	165	454	20	173	335	208	111	8 2 8
8.6	INCHES	3.0	1.4	4.4	4.3	8.0	0.7	2.1	2.7	0.4	0.1	0.7	15.4	0.4	2.0	6.8	8.9	21.0	0.8	2.0	3.6	9.8	12.0	3.0	19.0	6.5	16.7	9.0	6.8	13.2	8.2	0.4	21.0
Z	DATE	1977	1974	1961	1968	1977*	1962	1959	6961	1973	1975	6961	1959	1959	1979	1954	1960	1973	1954	1969	1971	1979	6961	1952	1970	1965	1969	1969	1959	1976	1954	1972	1049
PRECIPITATION GREATEST	MM	32	19	45	45	20	64	92	61	25	53	82	14	39	57		45	69	35	13	•	38	35	69	84	17	58	52	22	34	92	18	20
PRE	INCHES	1.27	0.74	1.76	1.77	0.80	3.12	1.03	0.75	5.04	2.10	1.10	1991	1.55	2.26	1.63	1.78	2.57	1.25	0.50	0.36	1.50	1.26	5.49	1.90	19.0	2.30	96.0	0.88	1.32	1.02	0.71	3.13
2	40	-	2	3	4	2	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	

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DIRNAVOCEANMET-SMOS

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PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is period. Every month of a year must have valid observations present before the ALL MONTHS value is selected compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. selected and printed. These values are then used to compute means and standard deviations for the entire for that year. Means and standard deviations are computed when four or more values are present for any ;

NOTE: According to ... specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a wind speed for each direction. 5

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- Three tables are prepared for all surface winds included, and for all years combined as follows:
- (1) Annual all hours combined
- (2) By month all hours combined
- (3) By month by standard 3-hour groups
- A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet. è

SURFACE WINDS

45-460 52-77

BRUNSAICK, MAINE

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100 C

YEARS

DAILY PEAK GUSTS IN KNOTS

			89	73	55	29			*	28	0		34	40	45		41	42		20	45	20		20	65	20	20	.3	8.788	777
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NAVWEASERVCOM

SURFACE WINDS

BRUNSWICK, MAINE

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45-460 52-77

/BASED ON LESS THAN 90% DESERVATIONS FOR MONTH!

AAR. APR. MAY JUN. JUL. 31 NW 34 43 0 0 19 20 0 19 20 0 19 19 20 0 19 19 20 0 19 19 20 0 19 19 20 0 19 19 19 19 19 19 19 19 19 19 19 19 19	MAY JUN. JUN. JUN. JUN. MAY 43 MAY 43 MAY 43 MAY 43 MAY 43 MAY 31 MAY 43	MN 42 NN 42 NN 42 NN 42 NN 43 NN 42 NN 43 NN 43 NN 42 NN 43 NN 32 55 N 43 NN 14 25 21 14 25 21 14 25 21 14 25 NN 31 NN 14 NN 1	AP. ANG. JUN. JUL. AUG. AUG. AUG. AUG. AUG. AUG. AUG. AUG	MNW 42 O O D 19 W 34NNW 3255W 43 D MW 82 W 34NNW 3255W 43 D MW 82 D M	MW 42 O O O 19 O NW 82 O NW 82 O OT. W 34 NNW 3255W 43 O NW 82 O OT. W 34 NNW 3255W 43 O NW 82 O OT.
31 WSW 42 0 NNW 42 0 19 32 SSW 43 14 24 26 24 26 21 26 21 26 21 26 21	32 5 4 4 3 0 1 1 4 2 4 1 4 2 4 1 4 2 4 1 4 2 4 1 4 2 4 1 4 2 4 1 4 2 4 1 4 2 4 1 4 1	31 45W 43 0 NW 32 0 19 25 25 25 21 2	31 45W 43 0 NW 32 0 19 0 19 0 0 19 0	32 5 NW 42 0 NW 42 0 NW 42 14 24 0 NW 32 14 24 24 0 NW 32 15 25 21 26 21 26 21	32 5 NW 42 0 NW 42 0 19 32 5 S A 4 3 NW 92 34 24 0 NW 92 34 25 S A 4 3 NW 92 35 S A 4 3 NW 92 36 S A 4 3 NW 92 37 S A 4 3 NW 92 38 S A 4 3 NW 92 39 S A 4 3 NW 92 30 S A 4 4 4 3 NW 92 30 S A 4 4 4 3 NW 92 30 S A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
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NAVWEASERVCOM

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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED	(FROM HOURLY OBSERVATIONS)	

JAN	MONTH	10	NOURS (L.S.T.)	
73-77	YEARS	ALL WEATHER	CLASS	COMBITION
BRUNSEICK, MAINE	STATION NAME			

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MEAN WIND SPEED	7.8	6.1	5.0	4.0		15.0		5.6	8.8	5.5	6.8	6.7	10.0	9.3	5.7			5.4
×	12.9	10.3	7.1	1.3		9.		4.5	5.2	3.9	1.1	4.5	3.2	1.7	4.8		22.6	100.0
89 Al																	\bigvee	
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17.21		9.						9.	••					9.			X	2.6
11 . 16	1.9	1.3				•						9.	1.3	1.9	9.		X	8.4
7 . 10	6.5	1.9	2.6					9.	3.2	1.3	3.9	9.	1.3	1.9	1.9		X	25.8
;	3.9	1.9	2.6	1.3				9.	0.	5.6	3.2	5.6	9.	2.6	3.9		X	26.5
:	9.	4.5	1.9					2.6	•		9.	0.		9.	1.9		X	14.2
SPEED (KNTS) DIR.	z	W.X	¥	ENE	ESE	25	SSE	•	SSW	AS.	WSW	*	WWW	¥	NNN	VARBL	CALM	

04 NOURS (L.S.T.)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL MEATHER

BRUNSWICK, MAINE

YEARS

CONDITION

4.6	7 - 10 11 - 16		17 . 21	n · n	28 - 33	34 - 46	41.47	8 . 35	%	*	MEAN WIND SPEED
	1.9	5.	0.							14.8	8.3
	3.2	.3								11.0	5.8
	9.									3.9	4.7
	9.									1.3	0.9
	9.									9.	8.0
										9.	0.9
	9.	9.		9.						3.9	9.8
	-	6.1	9.							4.5	8.9
	1.9									4.5	5.6
	1.9									7.1	5.3
		9.								3.9	6.0
	9.									3.2	0.0
		9.								3.8	6.6
	3.2 2	2.6								4.6	1.9
	\bigvee	$\langle \cdot \rangle$	X	X	X	X	\bigvee	X	X	27.7	
	A M	2 00		7						0000	

TOTAL NUMBER OF OBSERVATIONS

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155

NAVWEASERVCOM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAC	MONTH	10	HOURS (L.S.T.)	
73-77	YEARS	ALL WEATHER	88713	сомытиом
WICK, MAINE	STATION NAME			

MEAN WIND SPEED	7.2	6.9	6.9	3.7	7.3				4.4	7.8	6.9	6.8	10.0	4.3	4.9	9.9			5.0
*	17.4	4.6	3.9	1.9	1.3				6.5	5.8	6.5	3.9	3.2	5.6	4.5	8.4		54.5	100.0
99 Al																		X	
48 · 55																		X	
41 - 47																		X	
34 - 40																		\bigvee	
28 - 33																		\bigvee	
22 - 27																		\bigvee	
17 - 21	1.3									9.								X	1.9
11 . 16	1.3	1.3			9.				•	9.	1.3	9.	1.9		1.3	9.		\bigvee	10.3
7 - 10	5.8	2.6	1.9						9.	1.9	1.3	0.	9.	9.	1.9	3.9		X	21.9
:	4.5	3.2	1.3	1.3					1.3	•	1.9	5.6	9.	9.	9.	1.9		X	20.6
:	4.5	2.6	•	9.	9.				3.9	1.9	1.9			1.3	9.	1.9		X	20.0
SYEED (KNTS) DIE.	z	NN	¥	ENE		ESE	35	SSE	9	SSW	SW	WSW	*	WWW	NW	NNW	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

0

SURFACE WINDS JAN 68 5702

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

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NOURS (L.S.T.) 73-77 ALL WEATHER BRUNSHICK, MAINE

5997

Bunn

MEAN WIND SPEED	9.3	7.1	7.6	5.0	2.0			4.0	7.8	8.5	9.2	7.3	8.3	4.6	13.4	10.4			7.2
*	16.1	12.9	4.5	2.6	Ģ.			2.6	2.6	5.6	7.7	1.6	3.9	5.2	3.2	11.0		14.8	100.0
95 AI																X		X	
48 - 55																		\bigvee	
41 - 47																		\bigvee	
34 - 40																		\bigvee	
28 - 33																		\bigvee	
2.2																9.		X	9.
17 - 21	9.		9.										9.	9.	9.	9.		X	3.9
2 :	3.2	1.9	9.						9.	1.3	1.9	•		9.	1.9	2.6		X	15.5
7 - 10	8.4	5.2		9.				9.	9.	9.	3.2	8.8	1.9	1.9	9.	5.8		X	35.5
:	3.2	3.2	2.6	9.					1.3		2.6	2.6	9.	1.3		9.		X	18.7
	9.	2.6	9.	1.3	9.			1.9		9.		9.	9.	9.		9.		X	11.0
SPEED (KNTS) DIR.	z	NN NN	¥	ER	-	132	*	385	•	SSW	AS.	WSW	*	WWW	¥	NNN	VARBL	CALM	

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TOTAL NUMBER OF OBSERVATIONS

9

NAVWEASERVCOM

5702 SURFACE WINDS JAN 68

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TOTAL NUMBER OF OBSERVATIONS

1

PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

DIRECTION AND SPEED	(FROM HOURLY OBSERVATIONS)	73-77
		MAINE
		TUNSWICK, MAINE

ALL WEATHER

CONDITION

0

0

0

0

0

60

MEAN WIND SPEED	10.2	9.6	5.2	6.9	5.3			3.0	9.1	7.6	9.6	4.6	7.1	11.3	11.8	9.7			
*	14.8	7.1	3.2	1.3	5.6			9.	6.9	4.5	8.4	1.1	6.9	7.1	7.7	6.4		12.9	
% AI																		X	
85 - 55																		X	
41.47																		\bigvee	
34 - 46																		\bigvee	
28 - 33																		\bigvee	
22 - 27	9.																	X	
17 - 21	9.											9.		1.3		9.		X	
1 . 16	5.2	1.9							2.6	•	1.9	1.3	1.3	1.3	1.9	3.9		X	
7 - 10	4.5	2.6		9.	1.3				2.6	2.6	6.5	3.9	1.9	3.9	3.9	2.6		X	
• •	2.6	1.3	3.2	•	••					9.		9.	1.9	9.	9.	1.9		X	
:	1.3	9.			9.			9.	1.3	9.		9.	1.3			9.		X	
SPEED (KNTS) DIR.	z	Z	Z	Z		ESE	*	326	s	ASS	NS	WSW	*	WWW	N.	NNN	VARBL	CALM	

NAVWEASERVCOM

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SURFACE WINDS JAN 68 5702

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

NAC	HONTH	91	NOURS (L.S.T.)	
-77	YEARS	X		
BRUNSWICK, MAINE	STATION NAME	ALL WEATHER	SEVIO	WASHING TO THE PARTY OF THE PAR

0

MEAN WIND SPEED	6.6	7.4	3.8	7.0	15.0	0.9	3.7	4.3	10.1	7.4	7.9	8.7	7.9	5.4	10.7	11.3			7.5
×	12.9	6.9	7.1	1.3	0.	9.	1.9	3.9	5.8	7.7	7.1	5.8	4.6	3.2	11.6	5.8		8.4	100.0
%																		M	
48 - 55																		X	
41.47																		\bigvee	
34 . 40																		\bigvee	
28 - 33		,																\bigvee	
2.27									9.		9.							X	1.3
17 - 21	1.3								1.3	9.					9.	9.		X	4.5
= 2 2	4.5	1.3			9.					1.3		1.3	1.9	9.	4.5	2.6		X	18.7
7 - 10	3.2	3.2	9.	9.				1.3	1.3	1.9	2.6	3.2	4.5		4.5	2.6		X	29.7
• ;	3.2	1.3	3.2	9.		9.	1.3	9.	1.3	1.9	3.9		9.	1.9	1.9			X	22.6
1.3	9.	9.	3.2				9.	1.9	1.3	1.9		1.3	2.6	9.				X	16.8
SPEED (KNTS) DIR.	z	N.	¥	ENE	3	ESE	35	386	•	SSW	AS.	WSW	*	WWW	¥	NINW	VARBL	CALM	

0

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NAVWEASERVCOM

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TOTAL NUMBER OF OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ZAT	итиом	19	HOURS (L.S.T.)	
	YEARS	~		
73=7		ALL WEATHE	CIVES	HOLDING
BRUNDAICK ANINE	STATION NAME			

MEAN WIND SPEED	11.6 9	6.5 5.5	1.3	1.3	1.3 4				5.3	3.9 11			4.5 6.3	5.2 8		10.3 10,		29.0	
% AI																		X	
48 - 55																		X	
41 - 47																		\setminus	
34 . 40																		\bigvee	
28 - 33																		X	
22 - 27									9.		9.							X	
17.21	9.								9.	•						1.3		X	
1 · 16	3.2			9.					9.	1.3		1.3	9.	9.	1.9	3.2		X	
7 . 10	5.2	1.9			9.				1.3	9.	3.2	1.9	1.3	2.6	1.9	3.2		X	
:	1.9	3.2	1.3						9.	9.	1.9	1.9	1.3	1.9	2.6	9.		X	
3	9.	1.3		0.	0.				1.9	9.		9.	1.3		1.3	1.9		X	
SPEED (KNTS) DIR.	z	NN	NE NE	N N	3	ESE	*	SSE	s	SSW	NS NS	WSW	*	WWW	NW	NNW	VARBL	CALM	

0

NAVWEASERVCOM

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	YEARS
73-77	
	2445
MAINE	STATION
BRUNSWICK	

247	MONTH	22	NOURS (L.S.T.)	
	YEARS	LL WEATHER	CIVE	THE PROPERTY OF THE PROPERTY O
THE MAINE	STATION NAME	•		

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0

MEAN WIND SPEED	7.4	6.7	4.0	9.5	2.0		13.0	5.6	3.8	11.8	6.1	7.5	4.1	5.0	7.2	7.3			
*	16.8	7.1	1.3	1.3	9.		1.3	3.2	5.6	3.2	6.3	7.7	7.1	1.9	11.6	6.9		21.3	
% AI																		X	
48 - 55																		X	
41.47																		\bigvee	
3 8																		\bigvee	
28 - 33																		\bigvee	
22 - 27	9.						•			1.3								\bigvee	
17 - 21												9.				9.		\bigvee	
1. is	3.2			9.				9.			9.	9.			5.6	9.		X	
7 - 10	4.5	4.5							9.		1.9	5.6	9.		1.9	1.9		X	
:	3.2	1.3	9.	•				2.6		1.3	3.2	1.9	3.2	1.9	5.8	1.3		X	100
::	5.2	1.3	9.		9.		9.		1.9	9.	•	1.9	3.5		1.3	1.9		X	100
SPEED (KNTS) DIR.	z	¥	Z	Z		ESE	*	25	9	SSW	AS.	WSW	*	WWW	ž	NNW	VARBL	CALM	2000

0

SURFACE WINDS JAN 68 5702

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77 WEATHER

BRUNSWICK, MAINE

0

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CONDITION

SPEED (KNTS) DIR.	.:	*;	7 - 10	1. 16	17 - 21	22 . 22	28 - 33	34 - 40	41.47	48 - 55	% AI	×	MEAN WIND SPEED
,	2.0	3.5	5.0	3.4	9.	.2						14.7	8.6
N.	2.3	2.2	3.1	1:1		1.						6.8	6.7
Z	1.0	2.1	.7	.1	•							0.4	5.2
2	7.	9.	.3	7.								1.5	5.8
	4.	7:	.2	.2								6.	5.8
ESE		7.	7.									.2	7.0
	2.	.2		1.		1.						.5	8.7
SSE	9.	3.	.2	-:								1.4	4.6
	1.8	1.	1.0	•		.2						4.8	7.8
SSW	1.0		1.4	6.	4.	.2						4.7	8.7
AS	.5	2.2	2.7	.7		.2						6.3	7.7
WSW	1.0	2.0	3.0	.,	.2							6.9	7.4
*	1.2	1.8	1.5	6.	-							5.4	6.9
WWW		1.5	1.4	0.	.2							4.0	8.3
¥		2.1	2.1	2.1	*•							7.2	9.1
NNN	1.2	1.7	3.1	2.1	*	1.						8.7	8.7
VARBL													
CALM	X	X	\bigvee	X	X	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	20.2	
	16.4	21.9	26.0	13.7	2.0	1.0						100.0	6.3

0

0

TOTAL NUMBER OF OBSERVATIONS

1240

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NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SPEED (KNTS) DIR.	:	:	7 . 10	5 .	17 - 21	22 - 22	28 - 33	34 . 40	41.47	48 . 55	% AI	*	MEAN WIND SPEED
z	2.1	3.5	5.7	2.1								13.5	1.6
W.Z	1.4	2.8	1.4									5.7	5.5
¥	1.4	.7										2.8	4.5
ENE		.7	.7									1.4	0.9
		1.4										2.1	4.7
ESE									,				
*		.7	. 7									1.4	0.9
388	. 7												3.0
	1.4	1.4	1.4	.7								5.0	6.1
ASS			2.8	.7		.,						5.0	13.0
SW	1.4	2.1	1.4									2.0	5.6
WSW		1.4	.7	1.4								3.5	9.2
*	.7	2.8	. 7									4.3	5.0
WWW	.7	2.1	2,8	2.8		.,						9.2	9.6
ž		1.4	.7									3.5	9.9
NNW	.7	3.5		5.0								9.5	9.2
VARBL													
CALM	X	X	\bigvee	27.7									
	15.1	24.8	19.9	13.5	.7	1.6						100.0	5.5

NAVWEASERVCOM

0

0

141

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

FEB	HTHOM	*0	NOURS (L.S.T.)	
73-77	YEARS	ALL XEATIER	ciass	COMBITION
UNSTICK, MAINE	STATION NAME			

MEAN WIND SPEED	5.0	5.8	5.3	9.7	0.6			2.0	5.8	0.6	10.7	10.5	10.4	0.6	8.1	8.3			5.0
*	8.5	5.7	5.7	2.1				7.4	3.5	2.0	1.5	1.4	2.2	5.6	10.6	6.6		34.0	100.0
% Al																		\bigvee	
48 - 55																		\bigvee	
41.47																		\bigvee	
34 - 40																		\bigvee	
28 - 33																		\bigvee	
22.22				.7									.7					\bigvee	1.4
17 - 21																		\bigvee	
1.16		. 7							. 7	2.1	1.4	.7	1.4	.7	2.8	3.5		\bigvee	14.2
7 - 10	1.4		2.1		. 7				.7	1.4		.7	1.4	2.8	2.8	1.4		X	17.7
;	5.0	1.4	1.4						. 7						4.3	4.3		X	19.9
:	2.1	1.4	2.1					1.4	1.4				1.4		.7			X	12.8
SPEED (KNTS) DIR.	z	N. Z	Z	ENE		ESE	*	358	•	SSW	SW	MSM	*	WWW	M	NNN	VARBL	CALM	

NAVWEASERVCOM

FEB HONTH

YEARS

73-77

BRUNSHICK, MAINE

ALL WEATHER

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

222

07 HOURS (L.S.T.)

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48 . 55

41 . 47

34 . 45

28 . 33

22 . 27

17 . 21

2 . 12

7.10

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SPEED (KNTS) DIR.

SURFACE WINDS JAN 68 5702

MEAN

SPEED	6.2	7.1	5.7	9.3	2.0	7.0	5.0	3.0	1.0	9.0	7.3	6.7	3.4	0.0	- 0
	16.3	4.9	2.1	2.8	••	1.4	4.	1.4	6.3	2.8	5.7	2.1	5.0	4.9	
-	₩	-	-	-	-	-		-	-	-	-	-	-	-	۰

100.0 29.1

SKO	
VATION	
6	
1961	
3	
TOTAL	

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NAVWEASERVCOM

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NAME VARRE

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CALM

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TOTAL NUMBER OF OBSERVATIONS

0 5702 SURFACE WINDS JAN 68

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

	OT HOME		1
TAME	ALL WEATHER	l	CONDITION
DRUNDWICK PAINE			

MEAN WIND SPEED	4.6	6.8	4.0	0.6	7.0	10.0	4.5	1.0	7.3	8.7	8.8	7.3	10.0	9.8	10.9	4.4			7.7
*	10.6	8.5	3.5	1.4	2.1	1.4	1.4		4.0	4.0	6.4	5.7	7.1	7.1	10.6	13.5		2.6	100.0
% Al														-				\bigvee	
8 . 35																		X	
41.47																		\bigvee	74
34 . 46																		\bigvee	
28 . 33																		X	
n · n																		X	.7
17.21	1.4	. 7									.7							X	9.0
# · · · · · · · · · · · · · · · · · · ·	1.4	.7				.,			.7	2.1			.7	2.1	3.5	1.4		X	14.2
7 . 10	5.0	2.1	2.1	1.4	1.4						2.1	2.8	2.8	3.5	4.0	5.0		X	35.5
:	1:4	2.8	.7			. 7	1.4		2.8	3.5		2.1	2.1	1.4		4.0		X	27.0
:	1:4	2.1							2.1		4.					. 7		X	8.5
SPEED (KNTS) DIR.	z	Z	Z	Z.	-	253	*	386		SSW	SW	WSW	>	WWW	¥	MAX	VARBL	CALM	

NAVWEASERVCOM

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TOTAL NUMBER OF OBSERVATIONS

5702 SURFACE WINDS JAN 68

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72-77 FEB	YEARS	ALL WEATHER	CLASS (L.S.T.)	COMBITION
BRUNSWICK, MAINE	STATION NAME			

41 - 47 48 - 55 ≥ 56 % WIND SPEED	10.6 10.	4.8	3.5	-	1.4			2.1	80.50	6.0	3.5	3.0	7.7	10.6	12.1	11.3		\$·•\$	0.001
28 - 33 34 - 40 41																			
17.21 22.27	1.4								.7			1.4	1.4	. 7	.7	1.4		X	7. 1.7
9 :	3 2.8	1 .7	4	.7	7 .7			•1	8 2.1	1 2.1		.1 .7	3.5		.1 2.8	.0 2.1			3 22.7
4.6 7.10	.7 4.3	5.0 2.1		•	•			2.	2.8 2.8		.7 2.	2.	.7 1.	.7 4.3	1.4 7.	2.1 5.		X	16.3 43.3
:	1.4											4.		.7		.7			6.3
SPEED (KNTS) DIR.	z	Z	¥	ENE		ESE	SE	SSE		SSW	SW.	WSW	*	WWW	¥	NNN	VARBL	CALM	

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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FEB	MONTH	16	HOURS (L.S.T.)	
73-77	YEARS	ALL WEATHER	CLASS	COMBITION
BRUNSWICK, MAINE	STATION NAME			

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MEAN WIND SPEED	10.5	6.7	5.2	3.3	8.0	10.0	9.3	7.3	8.7	8.3	11.5	12.8	1001	10.2	10.1	9.5			8.9
*	10.0	4.3	3.5	2.1	1.		2.8	4.3	6.6	6.6	1.4	3.5	6.6	10.6	8.5	13.5		3.5	100.0
9 6 AI																		\bigvee	
48 - 55																		X	
41.4																		\bigvee	
3. 5																		\bigvee	
28 · 33																		\bigvee	
2.2																		\bigvee	.7
17.21	4.						.7		.7									X	5.0
9: :	2.8	. 7						. 7	2.1	3.5		1.	4.3	4.3	3.5	5.0		X	28.4
7 . 10	5.7	1.4	.7		. 7		.7		5.0	2.8	. 7	1.4	2.8	1.4	2.1	4.3		X	31.2
:	1.4	1.4	2.1				1.4	2.8	1.4	2.8			1.4	2.8	2.1	2.1		X	22.7
::		. 7		1.4					.7	1.		1.	.7	1.4		1.4		X	8.5
SPEED (KNTS) DIE.	z	ZZ.	¥	ene	-	25	*	355		SSW	×S	WSW	*	WWW	¥	NN.	VARBL	CALM	

. 0

0

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

MONTH	19	MOURS (L.S.T.)	
YEARS	ALL WEATHER	\$5773	CONDITION
STATION NAME			

MEAN WIND SPEED	9.6	7.5	3.0	5.5	3.5	5.0	8.0	3.5	6.9	9.9	0.9	12.4	9.9	9.6	8.3	6.1			6.3
×	12.1	6.3	3.5	1.4	1.4	1.4		2.8	6.6	4.9	2.8	3.5	7.8	7.1	6.6	10.6		14.2	100.0
% Al																		X	
48 - 55																		X	
4.4																		\bigvee	
34 - 40																		\bigvee	
28 - 33															,			\bigvee	
22 - 27												. 7						X	.,
17 - 21	1.4								.7				.7		1.4			X	4.3
11 . 16	2.1	.7							.7			1.4		2.8	.7	1.4		X	10.6
7 . 10	3.5	2.1							2.8	2.1	.7	.7	2.1	2.8	2.8	3.5		X	24.1
• • •	4.3	.7	.7	1.4	.7	1.4		2.1	2.1	2.8	2.1	.7	3.5	1.4	2.8	2.1		X	29.1
		. 7	2.8		.7				3.5				1.4		2.1	3.5		X	17.0
SPEED (KNTS) DIR.	z	NNE	NE NE	ENE	3	ESE	35	SSE	s	SSW	SW	WSW	*	WWW	NW	NNN	VARBL	CALM	

NAVWEASERVCOM

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TOTAL NUMBER OF OBSERVATIONS

1

0

22 HOURS (L.S.T.) PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) 73-77 ALL MEATHER COMBITION BRUNSWICK, MAINE

SURFACE WINDS

WEAN WIND SPEED	6.9	5.6	8.0	4.6	3.5	8.5	4.0	9.3	5.8	11.1	5.8	4.0	5.9	1.3	-				5.9
×	12.8	4.9	4.	2.1	1.4	1.4	4.	2.1	3.5	6.4	4.3	5.7	5.7	10.6	5.0	6.6		21.3	100.0
85 VI																		X	
48 - 55																		X	
41.4																		\bigvee	
34 - 46																		\bigvee	
28 - 33																		\bigvee	
n · n										.7								\bigvee	1.4
17 - 21	.7									1.4				. 7		1.		X	4.3
1 . 16	2.1					.7			.7			1.4	.1	1.4	1.4	2.8		X	12.1
7.10	2.1	2.1	.7	1.4				.7		2.8	2.8	.7	2.1	4.3	1.4	1.4		X	22.7
:	2.8	2.8				4.			2,1	1.4				1.4	1.4	3.5		X	18.4
1:3	5.0	1.4									1.4	2.1	2.8	2.8		1.4		X	19.9
SYEE (KNTS) DIR.	z	N.	¥	EK EK		ESE	35	SSE		ASS	3W	WSW	*	WWW	**	NNN	VARBL	CALM	

NAVWEASERVCOM

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TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

YEARS	73-77	FROM HOURLY OBSERVATIONS)	DIRECTION AND SPEED
STATION NAME	SWICK, MAINE		

ALL WEATHER

CONDITION

0

0

0

MEAN WIND SPEED	8.1	4.9	5.3	7.7	0.0	7.9	6.8	5.7	7.6	9.3	7.6	9.8	8.6	6.3	9.2	8.6			6.7
*	11.9	6.1	3.2	1.3	1.3	8.	1.0	5.0	4.0	6.9	3.6	3.8	9.9	8.2	8.2	9.01		18.1	100.0
8 VI																		X	
48 - 55																		X	
41.47				7														X	
34 . 46								31										X	
28 - 33																		X	
n . n				.2					.2	.2			.2			Y		X	1.1
17 . 21		1.					.1	7.		.3	7.	.2	4.	.3	4.	••		X	3.6
91 - 16	2.0				7:	.2		1.	1.0	1.6	s.	1.0	1.4	2.4	2.2	2.7		X	16.0
7 - 10	3.5	1.7	1.1	9.	*.		.3	4.	1.6	2.6	1.4	1.2	1.8	2.9	3.3	2.9		X	26.1
:	3.3	2.5	1.0	.5	*	*	9.	.7	1.9	1.5	1:1	.7	1.6	1.7	1.8	3.0		X	22.6
::	2.2	1.2	1.2	*	*			9.	1.5	*.		•	1.2	3	.5	1.3		X	12.5
SPEED (KNTS) DIR.	z	N N	¥	Z.	-	ESE	*	SSE	~	SSW	SW	WSW	>	WWW	N.	NNW	VARBL	CALM	

5702 SURFACE WINDS

10.3

WIND SPEED

20

. 55 4

41 . 47

34 - 40

28 . 33

22 - 27

17 - 21

11 . 16

7 - 10

-:

SPEED (KNTS) DE.

9.

000

1.3

N N N

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2 2 2

1.3

6.1 00

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NOURS (L.S.T.)

MAR

YEARS

73-77

BRUNSWICK, MAINE

ALL MEATHER

CONDITION

8.0

JAN 68

4.5

5.2

400

6.3 5.6 6.0 12.8 6.0 9.0 23.9 5.2 5.6 100.0

.

1.3

2.0

2.6

NW NAW

CALM

•

•

1.9 1.6

3.2

* WW

1.3

SSW

.

WSW WSW

155

0

TOTAL NUMBER OF OBSERVATIONS

1.3

5.8

12.9

18.7

21.3

NAVWEASERVCOM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

0

0

0

0

0

0

1.3

00

1.9

0

0

0

0

0

TOTAL NUMBER OF OBSERVATIONS

2		S)
PERCENTAGE FREQUENCY OF WIND	D SPEED	OBSERVATIONS
SE FREQUE	DIRECTION AND SPEED	HOURLY OB
ERCENTAC	DIRE	(FROM H

SURFACE WINDS

MAR	MOMTH	40	NOURS (L.S.T.)	
73-77	YEARS	ALL MEATHER	CLASS	COMBITION
BRUNSKICK, MAINE	STATION NAME			

0

0

WIND	6.9	7.6	7.1	8.0	2.3	9.0	11.5	6.9	7.8	8.9	4.3	4.6	5.7	6.8	11.0	11.7			6.0
*	13.5	0.6	4.5	1.3	1.9	1.3	1.3	1.9	5.2	5.2	3.9	4.5	4.5	5.8	5.5	8.4		22.6	100.0
% AI																		X	
48 . 55																		X	
41.4																		\bigvee	
\$. \$																		\bigvee	
2 . 33																		\bigvee	
n · n																		\bigvee	
17 - 21	9.	9.	9.						1.3						9.	••		X	4.5
11 . 16	1.3	1.3	0.	0.		9.	9.			1.3			9.	1.3	1.3	3.9		X	13.5
7 . 10	3.2	2.6					9.	1.9		2.6		9.	9.	•	2.6	2.6		X	18.1
;	5.2	3.2	1.3	9.		9.			2.6	9.	2.6	1.9	1.3	2.6	9.	1.3		X	24.5
::	3.2	1.3	1.9		1.9				1.3	•	1.3	1.9	1.9	1.3				X	16.8
SPEED (KNTS) DIR.	z	N.	Z	FE	-	ESE	*	SSE		SSW	SW	WSW	*	WWW	N	MMM	VARBL	CALM	

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155

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

MAR	MONTH	07	MOURS (L.S.T.)
13-77	YEARS	ALL WEATHER	5773
BRUNSWICK, MAINE	STATION NAME		

0

MEAN WIND SPEED	6.9	7.3	1.0	3.5	••0	8.3	20.0		8.2	8.9	4.7	4.0	4.0	7.3	10.3	10.2			3.6
×	11.6	0.6	5.6	2.6	9.	1.9	9.		6.5	5.8	3.9	3.2	2.6	4.5	0.6	8.4		27.1	100.0
85 Al																		X	
8 . 55																		X	
4 - 4																		\bigvee	
34 - 46																		\bigvee	
28 - 33																		\bigvee	
2.2																		X	
17 - 21		9.					•								•	1.3		X	3.2
91 - 11	1.9	•	9.			•			2.6	1.9				9.	3.2	3.9		X	16.1
7 . 10	3.9	2.6				9.			1.9	1.9	1.3			9.	3.2			X	16.1
•	3.2	3.9	1.9	1.3	•	9.			9.	1.9	•	1.9	1.3	5.6	1.9	1.9		X	24.5
1:3	2.6	1.3		1.3					1.3		1.9	1.3	1.3	9.		1.3		X	12.9
SPEED (KNTS) DIR.	z	ZZ.	¥	24		ESE	*	32	•	SSW	×S	WSW	*	WWW	¥	NNN	VARBL	CALM	

NAVWEASERVCOM

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5702 SURFACE WINDS JAN 68

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

842	MONTH	10	HOURS (L.S.T.)	
718-77	YEARS	ALL MEATHER	erva e	COMBITION
WILL AND THE STATE OF THE STATE	STATION NAME			

0

.0

WEAN WIND SPEED	9.0	10.4	5.6	3.0	9.5	10.0	7.8	5.8	1.4	6.6	8.1	7.5	5.8	11.7	14.1	13.1			9.0
*	7.1	7.7	8.4	9.	1.3	ç.	3.2	2.6	12.3	7.1	5.8	1.3	5.2	4.5	11.0	14.8		6.5	100.0
%																		\bigvee	
48 - 55																		\bigvee	
4.4																		\bigvee	
34 . 46																		\bigvee	
28 - 33																		\bigvee	
22 - 22		1.3												9.	•	9.		\bigvee	3.2
17 . 21	1.3								9.					9.	2.6	4.5		X	0.7
1 . 16	1.3	1.9			9.		•		2.6	3.2	9.		9.	9.	5.5	3.2		X	20.6
7 - 10	1.3	1.9	3.2		9.	9.	1.3	9.	1.9	3.2	3.2	1.3	1.3	1.3	1.9	5.2		X	29.0
;	2.6	1.3	2.6					1.3	5.6		1.9		1.9	1.3	•	1.3		X	17.4
:	9.	1.3	2.6	9.			1.3	0.	4.5	9.			1.3					X	13.5
SPEED (KNTS) DIR.	z	N.	¥	EK EK		25	*	25		SSW	38	WSW	*	WWW	ž	NAN	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

2222

	MEAN WIND SPEED	12.2	7.0	5.3	11.3	-
1	*	7.1	4.5	3.9	2.6	-
	% AI					
	48 - 55					
	4.4					
	34 - 40					
	8					

SPEED (KNTS) DIR.	::	:	7 - 10	9 : 1	17 . 21	22.22	28 - 33	4 . 4	41.47	48 - 55	8	*	MEAN WIND SPEED
z	•	9.	2.6	0.	2.6							7.1	12.
Z Z	1.3	1.3	1.3	9.								4.5	7.0
¥	9.	5.6	••									3.9	5.
E			1.3	1.3								2.6	11.
-		•	2.6									3.2	8.
ESE				9.								9.	12.
3			9.									9.	8
255	9.	9.	1.3	9.								3.2	1.1
•	9.	3.2	0.6	3.2	1.3							17.4	9.
SSW	1.3	1.9	4.5		9.	9.						11.6	9.
NS.	9.	-	1.9	1.3								5.2	8.
WSW	0.	1.3		1.9	9.							4.5	
*		9.	9.	9.	9.							2.6	12.
WWW		1.9	2.6	1.9	1.3							7.7	10.
MW			1.9	5.2	4.5							11.6	15.
NNW			5.5	4.5	1.3							0.11	11.
VARBL													
CALM	X	X	X	X	X	X	\bigvee	X	\bigvee	\bigvee	\bigvee	5.6	
	6.9	16.1	36.1	25.2	12.9	9.						100.0	10.

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NAVWEASERVCOM

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

BRUNSWICK, MAINE

ALL WEATHER

TOTAL NUMBER OF OBSERVATIONS

1

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

AAR HONTH	16	HOURS (L.S.T.)	
73-77	ALL MEATHER	BYTO	CONDITION
UNSWICK, MAINE			

0

0

MEAN WIND SPEED	11.6	7.4	7.3	8.5	6.5	0.6	7.0	7.7	8.6	11.1	10.0	5.3	10.5	10.3	13.1	14.8			9.9
*	0.6	5.2	2.6	3.9	3.9	3.2	1.3	5.0	17.4	8.4	1.3	2.0	6.5	6.5	12.3	4.8		1.9	100.0
3																		\bigvee	
8 . 35																		X	
41 - 42																		\bigvee	
34 . 45																		X	
28 . 33																		X	
n . n																		X	
17 - 21	1.9								9.	1.3			9.	9.	1.9	2.6		X	9.7
11 . 16	2.6	9.		1.3	•	1.3			3.9	5.6	9.		3.2	2.6	7.7	3.9		X	31.0
7 - 10	2.6	2.6	1.3	1.3	1.3	1.3	9.	4.5	7.7	3.2	9.	1.3	9.	1.9	2.6	1.9		X	35.5
•	1.9	1.9	1.3	•	1.3	•	9.	0.	3.9	1.3		••	1.3	9.				X	16.8
:				9.	9.			9.	1.3			9.	9.	•				X	5.2
SPEED (KNTS) DIR.	z	Z	¥	Z	-	ESE	*	388		SSW	NS.	WSW	*	WWW	ž	NN.	VARBL	CALLA	

0

(9)

43

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) TOTAL NUMBER OF OBSERVATIONS

155

73-77 ALL WEATHER BRUNSWICK, MAINE

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MEAN WIND SPEED	1.1	7.5	9.8	5.0	5.9	5.5	5.0	1.6	6.1	8.9	8.6	7.0	5.0	9.4	11.7	11.7			7.6
*	6.9	3.9	3.2	3.2	4.5	1.3	3.9	4.5	14.2	7.7	4.5	1.3	5.6	5.2	4.6	14.2		6.6	100.0
& Al																		\bigvee	
48 · 55																		X	
41.4																		X	
3 6																		X	
28 · 33																*		X	
n - n															9.	9.		\bigvee	1.3
17 . 21									9.	9.				9.		5.6		X	4.5
1 . 16	1.3	1.3	1.3		9.			1.3	9.	1.9	9.			9.	3.9	3.9		X	17.4
7.10	2.6	•	1.3	0.	1.3		9.	•	3.2	3.9	2.6	9.	9.	9.2	4.5	4.5		X	30.3
:	1.3	9.	••	1.9	9.	1.3	2.6	5.6	5.8	•		9.	9.	1.3		1.3		X	21.9
2	1.3	1.3		4.	1.9		0.		3.9	•	1.3		1.3		9.	1.3		X	14.8
SPEED (KNTS) DIR.	z	N N	z	Z		ESE	25	325	•	SSW	SW	WSW	*	WWW	N	MNN	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

BRUNSWICK, MAINE	73-77	MAR
STATION NAME	YEARS	MONTH
	ALL MEATHER	22
	ETY88	HOURS (L.S.T.)
	10110100	

MEAN WIND SPEED	8.5	5.4	6.2	6.5	4.5		3.0	10.4	5.8	8.5	4.8	10.0	9.9	9.5	9.7	10.0			6.7
×	6.9	6.5	6.9	2.0	3.9		1.3	5.2	7.7	6.9	30.00	1.9	3.2	6.5	7.1	15.5		13.5	100.0
85 Al																		X	
48 . 55																		X	
41.4																		X	
34 . 40																		X	
28 - 33																		X	
22 - 27																		X	
17.21								1.3							9.	1.9		X	3.9
2 .:	1.3	9.	1.3	•				1.3	1.3	1.3		1.3	9.	2.6	1.9	4.5		X	18.7
7 - 10	4.5	•	1.3	9.	1.3			9.	9.	3.2	1.3		9.	1.9	2.6	3.2		X	22.6
•	9.	3.2	1.9		1.3		9.	1.3	2.6	1.3	2.6		1.9	1.3	1.9	4.5		X	25.2
?		1.9	1.9	1.3	1.3		Q.	9.	3.2	9.	1.9	9.		9.		1.3		X	16.1
SPEED (KNTS) DIR.	z	N.	¥	ENE		ESE	35	388		ASS	SW	WSW	*	WWW	NW	MNN	VARBL	CALM	

NAVWEASERVCOM

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	RUNSWICK, MAINE		MAN
ALL WEATHER		YEARS	HONTH
CLARG	ALL WEATHER		ALI
	CLARG		HOURS (L.
CONDITION	HOLLIGHOS		

0

0

0

MEAN WIND SPEED	8.5	7.8	6.8	9.9	0.9	8.6	7.4	9.4	7.8	9.1	9.9	6.5	7.0	9.3	12.5	11.5			7.6
×	0.6	4.9	4.6	2.4	2.6	1.2	1.5	3.2	11.2	7.3	0.4	2.8	2.4	5.7	0.6	11.3		13.5	100.0
85 Al																		X	
48 . 55																		X	
41.4																		\bigvee	
3 8																		\bigvee	
28 . 33																		\bigvee	
n · n		.2	• 1							.1				1.	.2	.2		X	80
17 - 21	6.	.3	.1				1.	~		.3			.2	4.	1.5	1.9		X	6.8
11 . 16	1.5	1.0	9.			4.	.2	•	1.9	1.9	*.	4.		1.5	3.9	3.6		X	4.61
7 . 10	2.8	1.6	1.0	9.	0.	*.	. 5	1.4	3.3	3.1	1.5	9.	. 7	1.7	2.6	3.2		X	25.8
*;	2.1	2.3	1.7		•	*.	5.		3.1	1.3	1.3	1.0	1.3	1.6		1.6		\bigvee	21.0
÷:	1.0	1.0	1.1	•	80		.3	.3	2.3	0.	6.	4.	1.2	. 5	7.	9.		$\langle \rangle$	12.7
SPEED (KNTS) DIR.	z	N N	W.	Z	•	ESE	35	388	•	SSW	NS.	WSW	*	WWW	×	MNW	VARBL	CALM	

0

NAVWEASERVCOM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

150

TOTAL NUMBER OF OBSERVATIONS

	APR	NONTH	10	NOURS (L.S.T.)	
(FROM HOURLY OBSERVATIONS)	73-77	TAAB	ALL WEATHER	SFT	AMERICAN
	BRUNSWICK, MAINE	STATION NAME			

4.7	100.0
	23.3
5.8	6.7
8.3	0.9
6.0	4.7
6.7	6.1
5.3	4.7
4.3	2.0
5.0	2.7
0.0	10.0
6.0	1.3
6.5	2.7
3.0	1.3
2.5	1.3
7.3	2.7
4.4	0.9
7.4	8.0
6.6	10.0
MEAN WIND SPEED	×

NAVWEASERVCOM

TOTAL NUMBER OF OBSERVATIONS

1

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

BRUNSEICK, MAINE	73-77	APR
STATION NAME	YEARS	MONTH
	ALL WEATHER	8
	CIVES	HOURS (L.S.T.)

MEAN WIND SPEED	7.3	1 6.7	8.3	3.4	4.7	0.4	0.9	5.4			3.2		4.4			5.7			4.2
*	10.7	0.4	2.1	3.3	2.0	2.0	•		3.3	0.4	0.4	0.4	4.	5.3	0.9	8.0		30.7	100.0
% AI																		X	
48 - 55																		X	
41.4																		X	
34 . 40																		\bigvee	
28 · 33																		X	
2.2																		\bigvee	
17 . 21																		\bigvee	.7
11 - 16	1.3	.7	.7							1.3		4.			.7			X	5.3
7 . 10	4.0	.7	1.3	1.3	.7			1.3	1.3	. 7		.7	1.3	1.3	2.7	3.3		X	20.7
• •	4.7	2.0	1.	.1		1.3	.1	2.7	1.3	1.3	1.3	2.7		2.0	2.0	3.3		X	28.0
:	.,	.7		1.3	.7			.7	7.	.7	2.7		2.7	1.3	.7	1.3		X	14.7
SPEED (KNTS) DIR.	z	NNE	¥	ENE	3	ESE	38	SSE	s	SSW	SW	wsw	*	WWW	WW	NNN	VARBL	CALM	

NAVWEASERVCOM

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0

150

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

APR	HUMAN	10	HOURS (L.S.T.)	
73-77	YEARS	ALL MEATHER	CLASS	CONDITION
K. MAINE	STATION NAME			

TOTAL NUMBER OF OBSERVATIONS

1

BRUNSWICK	MAINE STATION NAME	73-77 VEARS	жомти
		ALL WEATHER	10
		CLASS	HOURS (L.S
1		COMBITION	

WIND	9.0	8.9	9.2	8.1	8.0	6.7	0.0	7.0	6.7	4.8	8.9	17.7	10.6	10.7	11.7	10.9			9.0
×	14.7	5.3	3.3	5.3	1.3	0.4	3.3	3.3	8.7	6.0	4.0	2.0	5.3	6.7	8.7	14.0		4.0	100.0
98																		X	
48 - 55																		X	
41.0																		\bigvee	
34 . 40																		\bigvee	
28 · 33																		\bigvee	
2.2												.7						\bigvee	. ,
17 - 21				4.								.7			1.3			X	4.7
 6	3.3	1.3	.7						2.0	2.0	4.		1.3	2.7	4.0	6.7		X	0.96
7.10	7.3	2.7	.7	2.7		1.3	2.0	2.0	2.7	2.7	2.0		2.7	3.3	2.0	4.7		X	30.3
;	4.0	1.3		2.0		2.0		1.3	4.0				.7	.7		2.0		X	92.0
£:-										. 7					.7			X	3.3
SPEED (KNTS) DIR.	z	W X	¥	Z	•	ESE	35	SSE	8	SSW	AS.	WSW	*	WWW	₹	NNN	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

MEAN WIND SPEED	9.1	10.3	8.3	10.0	9.7	5.3	8.3	9.1	11.2	10.3	11.5	12.3	11.7	14.1	14.2	10.4			10.7
×	10.7	2.0	5.3	2.0	0.4	2.0	2.7	6.7	15.3	8.7	2.7	2.0	6.7	6.9	6.7	12.0		4.	100.0
N 98																		\bigvee	
8 . 55																		X	
41 - 47																		X	
34 - 46																		X	
28 . 33																		X	
22 - 27													.7	.7				X	1.3
17.21									1.3		. 7	6.	.7	2.0	2.0	1.3		X	8.7
1 · 16	4.7	.7	2.0		2.7		. 7	.7	6.0	3.3	.7		1.3	4.7	4.0	2.0		X	34.0
7 - 10	3.3	1.3	1.3				1.3	6.0	6.7	4.0	.7	1.3	4.0	2.0	1.	6.7		X	40.7
•	2.0		2.0			.7			.7	1.3	.7				.7	2.0		X	10.7
÷:					1.3													X	4.0
SPEED (KNTS) DIR.	z	N.	¥	ENE		ESE	35	SSE	•	SSW	SW	WSW	*	WWW	NW	NNN	VARBL	CALM	

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

APR	MONTH	16	HOURS (L.S.T.	
	YEARS			
73-77		ALL WEATHER	CIVES	СОМВІТІОМ
BRUNSWICK, MAINE	STATION NAME			

-

SPEED 1	z	N.	NE NE	ENE		ESE	25	SSE	•	ASS	. AS	WSW	*	WWW	ž.	NNN	VARBL	CALM	
<u></u>		1.3		1.3														\bigvee	30 14 15
:	3.3	.,				.,			2.0	2.0		.,			1.3			X	1 1 10
7 - 10	2.0	1,3	4.0			1.3		.7	10.7	5.3			2.0	1.3	2.0	2.7		X	4
11 . 16	6.7		.,		.,		.,	1.3	10.0	2.0	2.7		.,	2.7	3.3	4.7		\bigvee	
ίz - 2ι				1.3									1.	1.3		2.7		\bigvee	
2.2															.7	.7		\bigvee	
28 . 33																		\bigvee	
34 . 45																		\bigvee	
41.47																		\bigvee	
48 - 55																		X	
8																		\bigvee	
×	12.0	3.3	4.7	4.0	2.0	2.0	1.3	2.7	22.7	10.0	2.7	2.0	4.7	6.0	8.7	10.7		.7	
MEAN WIND SPEED	10.6	5.6	10.0	9.1	12.0		9.6	10.	10.	9.6	12.	12.0	13.0	14.	12.6	14.3			

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVWEASERVCOM

TOTAL NUMBER OF OBSERVATIONS

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER 19

WEAN WIND SPEED	0.6	7.3	7.3	7.0	7.8	4.7	4.5	7.0	1.6	4.0	1.6	5.5	9.3	9.1	9.2	8.5			7.2
×	7.3	0.4	2.7	3.3	0.4	2.0	2.7	3.3	18.7	6.7	3.3	1.3	2.7	7.3	10.7	11.3		0.8	100.0
95 Al																		X	
48 · 55																		X	
41.47																		X	
34 - 40																		X	
28 . 33																		X	
22 - 27																		X	
17.21										.7				.7	1.3			X	4.0
2	2.0		. 7						1.3				1.3	.7	2.0	4.0		X	15.3
7 . 10	2.0	1.3	.7				. 7		8.0			.7	. 7	4.0	4.0	4.7		X	29.3
;	2.7	. 7	1.3	1.3	2.0		1.3	1.3	8.0	5.3	2.0	. 7		2.0	2.7	1.3		X	33.3
-:3		1.3			1.3	1.3									.7	1.3		X	9.3
SPEED (KNTS) DIR.	z	N N N	¥	ENE		ESE	33	SSE	•	SSW	NS.	WSW	>	WWW	¥	NNN	VARBL	CALM	

MEAN

34 - 40

28 - 33

22 - 27

17.21

11 . 16

7.10

4.6

- 3

SPEED (KNTS) DIR.

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1.3

Z Z Z

2.7

10

22 HOURS (L.S.T.)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

BRUNSHICK, MAINE

ALL WEATHER

702	SURFACE	WINDS	JAN	68
ſ	lal	0-0	200	-

SPEED	5.6	5.9	7.1	9.0	15.0	4.0	7.0	5.5	8.2	4.7	4.0	0.0	7.1	6.2	6.8	9.3		
*	11.3	0.9	4.7	2.7		2.0		4.0	12.0	2.0	2.0	1.3	4:4	8.7	9.3	7.3	20.7	
\$ 8								-									X	
48 · 55																	X	
41 - 42																	X	

.

1:3

22 22 23

0.6.1

2.0

SSW

WSW

N.

WWW

*

2.0.2

2.7

NW NAR

CALM

10.0

24.7

28.7

TOTAL NUMBER OF OBSERVATIONS

150

100.0

NAVWEASERVCOM

•

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

APR	MONTH	ALL	NOURS (L.S.T.)		
73-77	YEARS	ALL MEATHER	55773	COMBITTION	
BRUNSWICK, MAINE	STATION NAME				

MEAN WIND SPEED	7.9	6.9	7.4	8.4	8.1	5.4	6.7	7.2	8.9	8.1	7.3	8.8	8.5	9.7	10.0	9.4			7.3
×	11.7	4.7	4.1	3.3	2.2	2.3	2.0		11.9		2.7	3.0	5.0	7.2	8.0	6.6		13.2	100.0
95 Al																		\bigvee	
48 - 55																		X	
4.0																		\bigvee	
34 . 45																		\bigvee	
28 - 33													1.					\bigvee	.1
n · n				.1	.1							.2	7.	.2	1.	.1		\bigvee	.,
17 - 21	1.		• 1	.2	1.				4.	.2	1.	.2		.7		9.		\bigvee	30.60
51 .	2.7	. 8	.7	.3	9.	1.	.3	.3	3.0	1.2	9.	4.	.7	1.7	2.4	2.7		X	18.7
7 - 10	3.6	1.1	1.5	1.2	.3	.7	.7	1.5	4.5	1.7	.7		1.8	2.5	2.1	4.0		X	28.7
• ;	4.1	1.9	6.	8.		6.	.5	1.2	3,3	1.7	.7	1.2	1.0	1.4	2.2	1.5		X	23.8
:	1.2	6.	8.		.,	.7	4.	€.	.7	.7	9.	.2	1.0		4.	1:0		X	10.9
SPEED (KNTS) DIR.	z	NNE	NE NE	ER	3	ESE	35	SSE	9	SSW	NS.	WSW	*	WWW	ž	NNN	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

73-77
SAICK, MAINE

-				
	YEARS			
1300		ALL WEATHER	CIASS	
K. MAINE	STATION NAME			

0

0

0

NOURS (L.S.T.)

5702

MEAN WIND SPEED	5.6	5.6	4.6	3.7	4.0	4.5	4.0	5.4	6.0	7.6	5.8	5.8	3,3	5.3	7.3	5.9			3.9
×	0.6	4.5	5.4	1.9	3.9	1.3	1.9	3.2	14.8	5.4	3.2	6.5	2.6	1.9	1.9	2.2		29.0	100.0
35 AI																		\bigvee	
48 - 55																		X	
4.4																		\bigvee	
34 . 46																		\bigvee	
28 · 33																		\bigvee	
2.2									9.									\bigvee	9.
17 . 21																		\bigvee	
5		9.							1.3	9.	9.				•	9.		X	4.5
7 - 10	3.9	9.	0.					1.3	1.9	2.6	9.	1.9		9.		1.3		X	15.5
• ;	3.2	1.3	3.2	9.	1.9	9.	1.3	9.	7.1	1.3	1.3	3.9	•	1.3		1.3		X	31.0
::	1.0	1.9	9.	1.3	1.9	9.	9.	1.3	3.9		•	•	1.9			1.9		X	10.4
SPEED (KNTS) DIR.	z	W.Z	Z	Z.	-	ESE	*	SSE	s	SSW	*S	WSW	*	WWW	ž	NN.	VARBL	CALM	

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YAM	MOMTH	*0	HOURS (L.S.T.)	
	YEARS			
73-		ALL WEATHE	CIVES	
BRUNSWICK, MAINE	STATION NAME			

MEAN WIND SPEED	4.0	7.3	5.3	4.0	5.1	2.7	5.0	7.5	5.9	0.0	6.1	4.3	3.5	5.5	4.0	5.9			3.7
*	7.1	5.2	5.2	1.3	4.5	1.9	9.	5.6	11.0	5.5	4.3	1.9	3.9	1.3	4.5	5.2		34.2	100.0
% AI																		X	
48 · 55																		X	
41.40																		X	
34 . 40																		X	
28 - 33																		X	
22 - 27																		X	
17.21		9.																X	9.
11 . 16		9.	9.					0.	9.						9.			X	3.2
7.10	9.	.6	9.		1.3			9.	4.5	2.6	1.9	9.			1.3	1.9		X	16.8
4.6	3.2	1.9	1,3	9.	1.9	9,	9.	1.3	1.9	2.6	1.9		1.3	1.3	9.	1.3		X	22.6
F:-	3.2	1.3	2.6	9.	1.3	1.3			3.9		9.	1.3	2.6		1.9	1.9		X	22.6
SPEED (KNTS) DIR.	z	NN	NE NE	ENE		ESE	38	SSE	S	SSW	SW	WSW	*	WWW	N.	NNW	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

TOTAL NUMBER OF OBSERVATIONS

5702 SURFACE WINDS JAN 68

SURFACE WINDS

AA	MONTH	0.0	HOURS (L.S.T.)	
(3=()	ДУИ	ALL MEATHER	civis	сонытион
BAINE .	STATION NAME	AL		

MEAN WIND SPEED	6.6	5.3	6.8	4.8	5.0	5.3	4.0	7.0	6.9	8.1	7.0	5.7	5.0	8.8	6.7	8.0			5.6
×	10.3	5.5	3.2	5.6	4.00	1.9	9.	3.2	0.6	10.3	2.0	3.9	4.5	8.8	2.0	6.9		16.1	100.0
8 VI																		X	
48 - 55																		X	
41.4																		X	
34 . 46																		X	
28 - 33																		X	
n · n																		X	
17 - 21										9.						••		X	
1 . 16	1.3	9.			9.				1.3	5.6	9.	9.		1.3	9.			X	9.7
7 - 10	3.2		1.9	9.		0.		1.9	5.6	5.6			1.9	3.2	2.6	3.2		X	24.5
:	3.9	3.2		1.3	5.8	9.	9.	1.3	3.9	5.6	1.9	2.6		1.3	1.3	2.6		X	42.0
:	1:0	1.3	1.3	9.	1.9	9.			1.3	1.9		9.	2.6		1.3			X	16.5
SPEED (KNTS) DIR.	z	N N	¥	E E	•	ESE	35	SSE	5	SSW	SW	WSW	*	WWW	¥	NNN	VARBL	CALM	

MAN

HOURS (L.S.T.)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	2	17.21	22 - 22	28 - 33	34 - 40	41 . 47	48 . 55	95 Al	*	WIND WIND SPEED
.6 1.3	2.6	9.							5.8	10.2
1.3	9.								2.6	6.8
.6 1.9 3.2	1.3								7.1	7.5
9. 9.									1.3	6.5
2.6 1.3									3.9	0.0
1.9	9.								5.2	4.6
4.5 1.9									6.9	5.7
3.2 3.2									7.7	6.6
5.8 9.0	6.5	9.							23.2	8.6
1.9 5.2	1.9								6.1	8.5
9. 9.									1.3	6.5
.6 1.3 .6	9.								3.2	4.9
9. 0.	9.								1.9	8.7
6 1.3	2.6	9.							5.5	11.4
2.6	3.9								6.5	11.5
0. 1.9		9.							7.1	11.8
X	\bigvee	\bigvee	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	1.9	
29.0 32.3	25.2	2.6							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

155

10

NAVWEASERVCOM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS)

73-77

BRUNSWICK, MAINE

BRAR

13 HOURS (L.S.T.)

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19	ı	
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19	,	
10	,	

MEAN WIND SPEED	8.4	11.0	10.2	5.5	0.9	7.1	6.3	8.6	10.4	11.8	7.3	9.7	14.0	12.9	13.0	12.0			10.1
×	5.2	1.9	3.9	1.3	2.6	4.5	5.8	5.8	37.4	7.7	1.9	1.9	1.9	5.8	7.7	3.9		9.	100.0
8																		X	
48 - 55																		X	
41 - 47																		\bigvee	
34 - 46																		\bigvee	
28 - 33																		\bigvee	
2.2									•									X	9.
17 - 21									1.3	9.			9.	9.	9.			X	3.9
1 . 16	1.3	9.	1.9			1.3	•	1.3	14.8	4.5	9.	9.	1.3	3.9	4.5	3.2		X	40.6
7 - 10	1.9	1.3	1.3		1.3	1.3	1.9	1.9	13.5	1.3		9.		1.3	2.6			X	30.3
:	9.		•	1.3	•	•	1.9	2.6	6.9	9.	1.3	9.				9.		X	18.1
:	1.3				9.	1.3	1.3		9.	9.								X	5.8
SPEED (KNTS) DIR.	z	NN NN	¥	EK EK	3	ESE	35	SSE	•	SSW	AS.	WSW	*	WWW	×	NNN	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED	(FROM HOURLY OBSERVATIONS)	
	(FRC	

MAY	MONTH	16	NOURS (L.S.T.)	
73-77	YEAR	ALL MEATHER	STY STYLE	CONDITION
BRUNSWICK, MAINE	STATION NAME			

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

MAY	MONTH	19	HOURS (L.S.T.)	
73-77	YEARS	LL MEATHER	CLASS	сомрітіом
BRUNSWICK, MAINE	STATION MAME	7		

MEAN WIND SPEED	7.9	8.4	7.7	6.3	4.2	3.3	5.7	5.5	8.6	10.1	0.9	4.0	7.4	7.0	9.7	10.6			7.1
×	4.5	3.2	1.9	6.1	3.9	3.9	5.4	7.1	27.1	4.6	5.8	1.9	3.2	5.6	6.3	4.5		7.7	100.0
% Al																		X	
48 - 55																		X	
41 - 47																		X	
34 - 40																		X	
28 - 33																		X	
22 - 27																9.		X	9.
17 - 21									9.	9.						9.		X	1.9
1. 16	1.3	1.3	9.						4.5	4.5	9.		9.		1.9			X	15.5
7 . 10	1.9	1.3	9.	1.3	9.		1.3	1.9	13.5	1.9	1.3		9.	1.9	3,2	1.9		X	33.5
• •		9.			0.	1.9	3.2	4.5	7.7	1.3	3.2	1.3	1.9	9.	1,3	9.		X	29.0
:	1.3		9.	9.	2.6	1.9		9.	9.	1.3	9.	9.				9.		X	11.6
SPEED (KNTS) DIR.	z	NNE	W Z	E		ESE	35	SSE	8	SSW	SW	WSW	*	WWW	W	NNW	VARBL	CALM	

NAVAL WEATHER SERVICE DETACHMENT /SHEVILLE N C SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) BRUNSWIC--ETC(U) JUN 78 AD-A060 997 UNCLASSIFIED NL 2 OF 4 AD AD AO BOS 97

WIND SPEED

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

BRUNSHICK, MAINE

0

YEARS

ALL WEATHER

CONDITION

17 - 21

11 . 16

7.10

1.3

SPEED (KNTS) DIR.

2.6 9.

-

TOTAL NUMBER OF OBSERVATIONS

100.0

16.8

155

NAVWEASERVCOM

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3.9

1.3

1.9

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1.5 2.5

ASS ASS ASS

NNW VARBL

CALM

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 73-77 ALL WEATHER BRUNSWICK, MAINE

SURFACE WINDS

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MEAN WIND SPEED	6.9	7.2	0.8	5.0	5.0	5.0	6.0	4.0	8.7	9.1	6.2	6.2	6.7	9.8	1001	9.1			6.7
×	6.5	3.8	3.9	1.7	4.3	2.8	3.4	5.6	22.5	8.5	2.7	3.2	3.1	3.8	5.3	5.5		13.5	100.0
% AI																		X	
48 - 55																		X	
41.47																		X	
34 - 40																		X	
28 · 33																		X	
22 - 27									.2							1.		X	68.
17 . 21	•1								9.				7.	.2	.2	. 3		X	2.0
91 . 11	1.0	6.	.7			.2	.2		5.6	2.8	6.	.3	0.	1.4	2.1	1.4		X	18.0
7 . 10	2.1	æ.	1.1		8.	*.	6.	2.1	6.5	5.6	9.	9.	2.	1.0	1.7	1.8		X	25.8
:	1.8	1.2	1.2	6.	1.8	1.0	2.1	2.3	5.2	2.0	1.5	1.7	1.0	1.0	8.	1.1		X	26.6
:	1.5	20		8.	1.5	1:1	.2	0.	2.3	4.	.2	•	1.0	.2	5.	8.		X	13.7
SPEED (KNTS) DIR.	z	ZZ.	¥	Z	•	353	*	38		SSW	*\$	MSM	*	WWW	¥	NNN	VARBL	CALM	

5702 SURFACE WINDS JAN 68

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NOC.	MONTH	01	HOURS (L.S.T.)	
-77	YEARS	ď		
		ALL WEATH	98713	CONDITION
SETCK, MAINE	STATION NAME			

MEAN WIND SPEED	5.1	2.5	2.0	4.3	2.7		3.6	6.5	5.6	6.0	2.8	3.8	4.0	0.9	2.0	6.1			3.4
*	0.9	2.7		2.0	2.0		3.3	7.3	18.0	8.7	2.7	2.7	4.	2.7		6.7		33.3	100.0
8																		\bigvee	
48 - 55																		X	
41.47																		\bigvee	
34 - 40																		\bigvee	
28 · 33																		\bigvee	
22 - 22																		\bigvee	
17 - 21																		\bigvee	
9								1.3	.7	.7						1.3		X	4.0
7.10	2.0			.7				1.3	7.3	2.7				1.3		.7		X	14.0
;	2.0			.7			1.3	2.7		2.0		2.0	.7			3.3		X	20.7
:	2.0	2.0			2.0		2.0	2.0	6.0	3.3	2.0					1.3		X	24.0
SPEED (KNTS) DIR.	z	NN.	¥	Z	•	ESE	*	328	•	SSW	*5	WSW	*	WWW	¥	MM	VARBL	CALM	

NAVWEASERVCOM

0 0

0

0

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130

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

STATION HABE ALL MEATHER CLASS	BRUNSKICK, MAINE	73=77	UL
		YEARS	LHON
		ALL MEATHER	0
		cryss	NOURS (L
		CONDITION	

5702 SURFACE WINDS JAN 68

TOTAL NUMBER OF OBSERVATIONS

0 0 0

0

0

0

0

0

0

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NO.		MOURS (L.S.T.)	
73-77	ALL WEATHER	CIVES	CONDITION
NSWICK, MAINE			

Ó

MEAN WIND SPEED	5.6	7.1	5.8	4.3	4.8	2.5	2.0	7.0	7.2	6.2	4.7	3.6	0.9	7.1	6.9	4.2			5.1	150
×	14.0	5.3	0.9	2.0	1.2	1.3	2.0	6.6	1.91	0.01	4.9	2.7	0.4	4.4	1.3	3.3		14.0	100.0	
95 Al																		\bigvee		RVATIONS
8 . 8																		X		TOTAL NUMBER OF OBSERVATIONS
41.4																		X		TOTAL NUM
34 . 46																		X		
28 - 33																		X		
n · n																		X		
17 . 21																		X		
5	2.7	.7	. 7						3.3	2.0			.7	.7				X	11.3	
7 - 10		1.3	1.3		.7			2.0		2.0	2.0	.7	.7	1.3		1.3		X	17.3	
•	7.3	2.7	1.3	2.0	1.3	.7		2.0	4.7	3.3	1.3		2.7	2.0	.7			X	32.7	
:	4.0		2.7			.7	2.0	.7	3.3	2.7	3.3	1.3				2.0		X	24.7	
SPEED (KNTS) DIR.	z	Z	¥	Z.	-	ESE	*	32	•	SSW	AS.	WSW	*	WWW	NN	NNN	VARBL	CALM		

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

BRUNSWICK, MAINE

SPEED (KNTS) DIR.

YEARS 73-77 ALL WEATHER

WIND WIND SPEED	4.9	4.9	7.9	5.5	4.2	4.5	0.6	6.3	8.0	8.3	8.0	0.0	7.5	6.7	8.8	11.8		7.0
*	10.0	0.9	4.7	3.3	3.3	2.7	4.	10.0	23.3	10.7	5.3	1.3	1.3	0.4	0.4	4.0	5.3	100.0
% AI																	X	
48 - 55																	X	
41.47																	X	
34 - 40																	X	
28 - 33																	X	
22 - 22																	X	
17.21																	X	
11.16	2.0							4.	3.3	2.0	2.0		.1	.1	1.3	2.7	X	15.3
7 . 10	2.7	2.7	2.7				.7	3.3	12.0	6.7		1.3		1.3	1.3	1.3	X	38.0
:	2.7	2.7	2.0	2.0	1.3	2.0		3.3	8.0	2.0	1.3			1.3	1.3		X	30.7

2 2 2 2

0

0

SW WSW

WWW NWW NAWW

0

CALM

(

NAVWEASERVCOM

0

150

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

73-77

BRUNSWICK, MAINE

0

0

0

0

0

ALL WEATHER

NOURS (L.S.T.)

MEAN WIND SPEED	4.6	7.0	0.6		4.9	7.0	8.2		10.3	4.6	8.0	6.9	12.0			9.8			0
*	7.3	6.0	2.7		3.3	3.3	3.3	10.0	31.3	16.7	2.0	2.7	4.	2.7	3.3	2.7		2.0	0 001
% Al																		\bigvee	
48 - 55																		X	
41.0																		\bigvee	
34 . 40																		\bigvee	
28 - 33																		\bigvee	
22 - 27																		\bigvee	
17 - 21								.7										X	•
31.16	3.3	.,	1.3				.7	2.0	14.0	4.7			.7		1.3	1.3		X	
7.10	1.3	2.0	. 7		1.3		2.0	4.7	12.7	6.7	1.3			1.3	.7			X	20.00
;	2.0	2.7				1.3		1.3	4.7	3.3		1.3		.7	1.3			X	3
:-		6			-		6	1.3										X	
SPEED (KNTS) DIR.	z	ZZ	Z	ENE		ESE	*	325		SSW	*	WSW	*	WWW	ž	N.S.	VARBL	CALM	

NAVWEASERVCOM

0

0

150

TOTAL NUMBER OF OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

5702 SURFACE WINDS JAN 68

PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

	NOC	YEARS MONTH		MOURS (L.S.T.	
(FROM HOURLY OBSERVATIONS)	73-77		ALL ERATIFE	CLASS	соныттом
	BRUNSWICKS, MAINE	STATION HAME			
	-	**			

MEAN WIND SPEED	10.5	7.3	8.0	7.4	3.0	7.2	6.0	7.8	9.8	10.9	8.8	8.3	8.0	8.7	9.3	8.3			8.8
*	2.7	2.7	2.0	3.3	1.3	0.4	0.9	10.7	28.0	17.3	8.0	2.0	1.	4.4	2.0	2.7		2.0	100.0
9 6 Al																		X	
48 - 55																		X	
41.47																		X	
34 . 46										×.								X	
28 - 33																		X	
n · n																		X	
17 - 21								. 7											69
51 . 16	2.0	.7	.7					2.0	7.3	8.0	2.0			.,	1.3			X	25.3
7 . 10	.7			2.0		2.7	2.7	3.3	16.7	9.3	4.0		.7	2.7		2.0		X	46.7
•		2.0	1.3		.,	.7	2.0	4.0	3.3		1.3	1.3		1.3				X	19.3
1:3					.7	. 7	1.3	.7			1.							X	5.3
SPEED (KNTS) DIR.	z	NNE	¥	EK EK	3	ESE	*	386	•	SSW	SW	WSW	*	WWW	NW	NNN	VARBL	CALM	

NAVWEASERVCOM

...

TOTAL NUMBER OF OBSERVATIONS

-

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

NON	MONTH	61	HOURS (L.S.T.)	
	YEARS			
73-77		ALL WEATHER	C1488	HOLONIA
BRUNSWICK, MAINE	STATION NAME			

MEAN WIND SPEED	5.5	8.8	0.6	0.0	4.5	5.5	4.6	6.3	6.9	7.6	5.7	4.0	5.2	3.0	4.0	5.0			6.0
*	0.4	2.7		2.0	0.4	2.7	3.3	6.7	28.0	22.7	4.7	2.0	0.4	1.3	3.3	2.0		0.9	100.0
% Al																		X	
48 - 55																		X	
41.4																		X	
34 - 40																		\bigvee	
28 · 33																		\bigvee	
22 - 27																		\bigvee	
17 - 21																		\bigvee	.,
1 . 16		.7							2.0	4.7	.7							X	8.0
7 - 10		1.3	. 7	1.3	.7	1.3		2.7	11.3	7.3	.7		1.3			.7		X	30.0
:	3.3	.7			2.7		2.7	3.3	12.0	10.0	2.0	1.3	2.0	. 7	2.7	1,3		X	45.3
:							.7	.7	2.0	.7	1.3		.7		7.			X	10.0
SPEED (KNTS) DIR.	z	N N	¥	ENE		ESE	35	SSE	s	ASS	SW	WSW	*	WWW	WW	NNN	VARBL	CALM	

0

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PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL WEATHER BRUNSWICK, MAINE

CONDITION

0

0

0

5702

SURFACE WINDS JAN 68

MEAN WIND SPEED	5.4	8.0	4.5	5.8	2.5	3.5	4.7	5.5	5.8	7.2	10.5	2.5	3.5	5.4	4.0	4.2			4.0
*	4.7	1.3	1.3	2.7	2.7	1.3	2.0	7.3	26.7	8.7	1.3	1.3	0.4	3.3	1.3	4.0		26.0	100.0
% Al																		X	
48 · 55																		X	
41 . 47																		\bigvee	
34 . 46																		\bigvee	
28 - 33																		\bigvee	
22.27																		\bigvee	
17 - 21																		\bigvee	
9	.7								2.0	2.0								X	5.3
7 - 10		.7						1.3	0.9	2.7	.7			1.3		.7		X	15.3
•	2.7	.7		1.3			1.	4.7	12.7	3.3			2.0	1.3		. 7		X	32.0
::1	1.3			.7	2.0	.,	.7	1.3	0.9			1.3	2.0			2.7		X	21.3
SYEED (KONTS) DIR.	z	Z	2	Z.	-	ESE	35	356	•	SSW	NS.	WSW	*	WWW	ž	NN.	VARBL	CALM	

NAVWEASERVCOM

0

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0

150

TOTAL NUMBER OF OBSERVATIONS

0

0

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

ALL MEATHER

5702 SURFACE WINDS JAN 68

> 6.5 6.5

MEAN WIND SPEED

12

48 - 55

41 - 47

5947

222

CONDITION

34 - 40					
28 - 33					
22 - 27					
17 . 21					
11 - 16	1.5	.3	. 3		.1
2	1.2	1.1	.7	.7	4.

					.2	. 2								•
6.		.1	7.	1.	8,	4.3	3.2	.7	.2	4.	4.	.5	۲.	7 51
.7	.7	4.	9.	80	2.4	6.8	5.7	1.2	.2	. 3	1.2		1.0	
6.	1.0	8.	6.	6.	2.7	7.0	3.2	1.0	39.	1.0	1.0	1.1	1.2	
. 7	. 5	1.3	9.	1.0	1.2	3.1	1.0	1.2	.7	.3	*.	6.	6.	

SW WSW

TOTAL NUMBER OF OBSERVATIONS

1200

5.0

100.0

50

0

1

NAVWEASERVCOM

BRUNSWICK MAINE

4.6

1.3

SPEED (KNTS) DIR.

z z z z

- 2 2 2 2

0

0

NA Y

*

VARBL

CALM

(3)

0

0

0

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155

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

JUL	HTNOW	10	MOURS (L.S.T.)	
73-77	YEARS	ALL MEATHER	CLASS	соментом
BRUNSWICK, MAINE	STATION NAME			

0

1	% WIND	5.2 5.0	0.6 5.0	3.2 3.2	1.3 5.0	0.4 0.	1.3 2.0	.6 2.0	2.6 4.8	18.1 5.2	8.4 7.2	7.1	.6 11.0	1.9 4.7	1.3 3.0	3.2 4.8	2.6 5.0		41.3	100 0
	% AI							3											X	
	48 - 55																		X	
	41 - 47																		\bigvee	
	34 - 40																		\bigvee	
	28 - 33																		\bigvee	
	22 - 22																		\bigvee	
	17 - 21																		X	
	11 . 16									1.9	1.9	9.	9.						X	6 8
	7 . 10	1.3		9.	9.				9.	3.2	5.6	3.2					1.3		X	2
	• •	2.6	0.	9.		9.			0.	6.5	1.3	2.6		1.9	0.	2.6			X	4 46
	:	1.3		1.9	0.		1.3	9.	1.3	6.5	2.6	0.			•	9.	1.3		X	4 0 4
	(KNTS) DIR.	z	N.	¥	Z.	-	ESE	*	358	~	SSW	NS.	WSW	*	WWW	××	NNN	VARBL	CALM	

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

BRUNSWICK, MAINE

0

ALL MEATHER

SURFACE WINDS JAN 68 5702

3.0

/ATIONS	
BSERVA	
0	
NUMBER	
TOTAL	-

155

100.0

0

MEAI WINI SPEE	5.8	1.9	1.9 3	1.3	3.2	1.3	.6	1.3	18.1 4	7.1 6	5.2	1.9	4	2.0	0.2	2.6	2.6	2.6
% AI																		
48 - 55																		
41 - 47																		
34 - 40																		
28 - 33																		
22 - 27																		
17.21																		
11 - 16										1.3	1.3							
7.10	9.								3.9	9.	9.	9.				•	9.	9.
:	2.6	1.3	9.	9.	1.3				5.8	4.5	1.9	9.	1.3			1.9	3.2	3.2
3	2.6	9.	1.3	9.	1.9	1.3	9.	1.3	8.4	9.	1.3	9.	1.3				2.6	2.6
SPEED (KNTS) DIR.	z	N.	Z.	ENE	8	ESE	38	SSE	8	SSW	SW	WSW	*		WWW	WW	WW WW	NW NW NAW

0

0

0

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

JUL		0	HOURS (L.S.T.)	
73-77	YEARS	ALL WEATHER	CIVES	nvalunov
RUNSHICK, MAINE	STATION NAME			

WIND WIND SPEED	5.6	5.0	3.8	4.3	2.0	3.5	3.0	4.0		6.1		2.8	5.3	5.9	7.8	6.3			4.3
*	7.1	4.5	3.2	2.6	9.	1.3	2.6	1.9	16.8	4.6	7.1	2.6	3.9	5.8	3.2	5.8		21.3	100.0
85 VI																		\bigvee	
48 . 55																		X	
41 - 47																		\bigvee	
34 - 40																		\bigvee	
28 - 33																		\bigvee	
2.2																		\bigvee	
17.21																		X	
91 . 12									1.9	1.3					9.			X	3.9
7 - 10	2.6	1.3							3.9	2.6	2.6		1.3	2.6	1.3	2.6		X	20.6
•	3.2	1.9	1.9	1.9		•	•	1.3	7.1	3.2	1.9	1.3	1.9	9.	9.	3.2		X	9.18
::	1.3	1.3	1.3	9.	9.	0	1.9	9.	3.9	2.6	2.6	1.3	9	2.6	9			X	3. CC
SPEED (KNTS) DIR.	z	W.Z	Z	Z		ESE	*	SSE	5	ASS	NS.	WSW	>	WWW	ž.	NN	VARBL	CALM	

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-71	YEARS	HOURS (L.S.T.	NO
BCINE CALCE	STATION NAME	ALL WEATHER CLASS	COMBITION

MEAN WIND SPEED	6.9	5.7	5.6	3.7	3.7	3.8		4.3	7.6	9.3	7.4	7.0	8.0	8.2	8.9	8.5			6.6
*	7.1	3.9	3.2	4.5	1.9	3.2		2.6	23.9	11.6	5.2	1.3	6.9	6.9	4.5	5.2		0.6	100.0
95 Al																		X	
48 - 55																		X	
41.4																		\bigvee	
34 - 40																		\bigvee	
28 - 33																		X	
22 - 27																		X	
17 - 21										1.3								X	1.3
1 . 16	1.3								3.2	1.9	9.		1.3	9.	1.9	1.3		X	12.3
7 . 10	1.9	1.3	9.			9.			10.3	4.5	3.2	•	2.6	4.5	9.	2.6		X	33.5
•	1.9	1.3	1.9	2.6	1.3	9.		1.9	7.7	3.2	1.3	0.	1.9	1.3	1.9	9.		X	80.3
::	1.9	1.3	9.	1.9	9.	1.9		9.	2.6	9.			9.			9.		$\langle \rangle$	13.5
SPEED (KNTS) DIR.	z	N.	7	ENE	•	ESE	*	SSE	s	SSW	AS.	WSW	*	WWW	WW	NNW	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

1234-18766 SURFACE WINDS JAN 68 5702

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77 CONDITION BRUNSWICK MAINE

.

WIND	3.2 9.6	3.2 5.4	3.9 5.7	2.6 4.3	1.9 3.0	1.3 5.5	1.9 3.3	5.5 5.9	27.1 10.0	23.2 9.2	5.2 10.5	2.6 7.8	3.2 8.0	3.9 9.5	3.2 11.4	5.8 11.2		2.6	100.0
*									2	2									10
VI Se																		X	
48 - 55																		\bigvee	
41 - 47																		\bigvee	
34 . 46																		\bigvee	
28 · 33																		\bigvee	
n · n																		\bigvee	
17 - 21	9.								9.	9.	9.				9.			\bigvee	2.0
91 - 11	0.								0.6	7.1	1.3		•	1.9	1.3	3.2		X	
7.10	0.		1.9	•		9.		1.0	12.9	10.3	2.6	1.9	6.1	. 3	1.3	5.6		X	7.47
• •	1.3	3.2	1.3	•	9.	9.	0.	2.6	4.5	5.2	9.	•						X	9.0
:			0.	1.3	1.3		1.3	9.					9	9				X	
SPEED (KNTS) DIR.	z	Z	Z	ENE	-	ESE	**	SSE		WSS	35	WSW	*	WWW	32	N.S.	VARBL	CALM	

NAVWEASERVCOM

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1

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TOTAL NUMBER OF OBSERVATIONS

60

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

JUL	16	NOURS (L.S.T.)	
73=77	ALL MEATHER	C1488	CONDITION
BRUNSHICK, MAINE			

MEAN WIND SPEED	12.7	5.5	4.0	5.7	5.0	5.0		6.6	8.7	8.7	9.3	10.0	7.0	13,3	8.9	8.1			8.4
×	1.9	1.3	9.	1.9	9.	6.1		3.2	32.3	56.5	4.7	5.6	3.9	2.6	5.2	8.8		6.1	100.0
N 26																		\bigvee	
48 - 55																		X	
41.4	1																	\bigvee	
34 - 40																		\bigvee	
28 - 33																		X	
22.27																		X	
17 - 21										1.3				9.				X	1.9
11 - 16	1.9								6.5	4.5	1.3	1.3	9.	1.3	1.3	9.		X	19.4
7 . 10								1.9	18.1	11.6	5.8	9.	1.3		3.2	3.9		X	46.5
•		1.3	9.	1.9	9.	1.3		9.	7.7	7.7	9.	•	9.	•	•	1.3		X	26.5
÷:						9.		9.		1.3			1.3					X	3.9
SPEED (KNTS) DIR.	z	NN	N.	Z	3	ESE	3	388	•	SSW	AS.	WSW	*	WWW	×	MNW	VARBL	CALM	

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

£0

73-77 WEATHER BRUNSWICK, MAINE

-

MEAN WIND SPEED	5.3	5.0	0.4	5.0	5.0	2.5	4.0	3.5	5.9	6.1	0.9	3.7	4.0	4.3	6.8	6.2			5.3
×	7.7	1.9	9.	9.	1.3	1.3	2.6	1.3	31.0	22.6	0.6	4.5	3.9	1.9	5.6	3.2		3.9	100.0
8																		X	
48 · 55																		X	
41 - 47																		X	
34 - 40																		X	
28 - 33																		X	
22 - 27																		X	
17 . 21										9.								X	9.
5. I	9.									1.3	1.3							X	3.2
7 - 10	1.3	9.							12.3	5.8	1.3	9.	9.		1.3	1.3		X	25.2
•	3.9	9.	9.	•	1.3		1.9	9.	1001	4.4	4.5	1.3	9.	1.9	1.3	1.9		X	47.1
:	1.9	9.				1.3	9.	9.	5.6	5.5	1.9	2.6	2.6					X	20.0
SPEED (KNTS) PIR.	z	NN	¥	2	3	ESE	38	388	s	ASS	SW	WSW	*	WWW	W	MAN	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

155

€ ;

NAVWEASERVCOM

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YEARS	ALL WEATHER COMBITION	AUL.	22	HOURS (L.S.T.)	
	ALL WEATHER CLASS	YEARS			

MEAN WIND SPEED	4.1	2.0	3.5	3.0	3.6	3.0	3.0	6.1	5.2	5.6	5.5	6.9	4.8	3.6	5.7			3.7
×	4.5	9.	1.3	1.3	3.5	2.6	3.2	20.6	11.6	4.6	1.3	2.6	2.6	3.2	4.5		27.1	100.0
% Al																	X	
48 - 55																	X	
4 - 4																	\bigvee	
34 . 45																	\bigvee	
28 . 33																	\bigvee	
n · n																	\bigvee	
17 - 21								9.									X	9.
91 . 15								1.3	9.	1.9		9.			9.		X	5.2
7.10					9.			5.8	1.9	9.			9.		1.3		X	11.0
:	3.2		9.	9.	0.	1.3	9.	5.8	6.5	3.2	1.3	1.3	9.	1.9	9.		X	28.4
:	1.3	9.	9.	9.	1.9	1.3	2.6	7.1	2.6	3.9		9.	1.3	1.3	1.9		X	27.7
SPEED (KINTS) DIR.	z	NNE	W.	ENE	ESE	35	386		SSW	NS WS	MSM	*	WWW	NW	MMW	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

UL	YEARS	AL	HOURS (L.S.T.)
73-77		ALL WEATHER	CLASS
BRUNSWICK, MAINE	STATION MAME		

SPEED (KNTS) DIR.	:	:	7 - 10		17.21	22 - 22	28 - 33	34 . 16	41.40	48 - 55	% AI	*	WEAN WIND SPEED
z	1.3	2.3	1.0	9.	1.							5.3	5.9
N.	9.	1.3	4.									2.3	5.(
Z	6.	1.0	*.									2.3	4.3
ENE .	4.	1:1	.2									2.0	•
-	9.											1.3	3.6
ESE	1.1	.5	.2									1.9	3.6
3	8.	••										1.4	3.2
386	1.0	1.0	•									2.7	
8	3.9	7.7	8.8	3.0	.2							23.5	7.0
SSW	1.9	5.5	5.0	2.5	.5							15.1	7.6
SW	1.3	2.1	2.5	1.0								7.0	
WSW	9.	. 8	9.	.2								2.2	
*	1.0	1.2	1.0	4.								3.5	
WWW	9.	.,	1.1	e.	• 1							3.1	7.6
MM	6.	1.4	1.0	9.								3.5	7.5
HMM	••	1.4	1.9									4.8	•
VARBL													
CALM	X	\bigvee	\bigvee	X	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	18.3	
	17.3	29.0	26.8	9.6	1.0							100.0	8

....

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

BRUNSWICK, MAINE	13-77	
	YEARS	NON
	ALL WEATHER	
	clais	1) SUNON
	COMPLETE	1

MEAN WIND SPEED	3.8	3.7	4.8	3.0		0.0	7.0	4.8	4.0	5.3	5.8	3.5	4.8	2.7	6.9	4.6			2.8
×	7.1	1.9		9.		9.	1.9	5.6	12.3	7.7	3.2	2.6	5.6	1.9	1.9	5.5		43.9	100.0
95 Al																		X	
48 - 55																		X	
41 . 47																		\bigvee	
34 . 45																		\bigvee	
28 - 33																		X	
22 - 22																		\bigvee	
17.21																		\bigvee	
1.16							9.		1.3	9.	9.							X	3.2
7 . 10		9.	1.3					1.3	3.9	1.9			9.		••	9.		X	11.0
:	3.2		1.3			9.	9.		5.2	2.6	1.9	1.3	9.	9.	1.3	3.2		X	32.6
.:	3.9	1.3	1.3	9.			9.	1.3	1.9	2.6	9.	1.3	1.3	1.3		1.3		X	10.4
SPEED (KNTS) DIR.	z	NNE	NE		3	ESE	38	SSE	8	SSW	SW	WSW	*	WWW	NW	NNN	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

0

IN

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS)

DIRECTION AND SPEED

5702 SURFACE WINDS JAN 68

48 - 55

41 - 47

34 - 40

28 - 33

22 - 27

17 - 21

11 . 16

7 - 10

2882

NOURS (L.S.T.)

YEARS

73-77

BRUNSWICK, MAINE

ALL MEATHER

CONDITION

0

0

0

0

0

0

MEAN WIND SPEED 1.3 43.2 * 12

.6

2.6

0 0 0 0 0 0 0

9.

1.3

1.3

2.6

SSW

WSW WSW

9.

1.3

NIN VARBL

3

0 0 0 0 0

1.3

WWW X

100.0

155

•

0

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

0

07 HOURS (L.S.T.)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

BRUNSWICK, MAINE

ALL WEATHER

COMDITION

0

0

TOTAL NUMBER OF OBSERVATIONS

MEAN WIND SPEED	4.1	4.5	0.9	3.0	8.0	6.9	3.0	2.0	4.8	5.9	7.5	3.8	3.4	5.3	7.4	4.3			3.8
×	16.8	7.7	1.3	9.	1.3	4.5	9.	9.	7.7	7.1	3.9	5.6	6.5	4.5	4.5	6.5		23.2	100.0
% Al																		X	
48 - 55																		X	
41.4																		X	
34 - 40																		X	
28 - 33																		X	
22 - 27																		X	
17 - 21						9.												X	9.
91 . 19		9.							9.	9.	1.3				9.			X	3.9
7 - 10	3.2	9.	9.		1.3				9.	1.3	1.3	9.	9.	1.9	1.9	9.		X	14.8
•	5.8	3.2	9.			3.2			3.2	3.2		9.	2.6	9.	1.9	1.9		X	27.1
::3	7.7	3.2		9.		9.	9.	9.	3.2	1.9	1.3	1.3	3.2	1.9		3.9		X	30.3
SPEED (KNTS) DIR.	z	NNE	W.	ENE		ESE	35	SSE	8	SSW	SW	WSW	*	WWW	***	NNW	VARBL	CALM	

SURFACE WINDS JAN 68

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77 BRUNSHICK, MAINE

14611

0

ALL MEATHER

YEARS

AUG

10 HOURS (1.5.T.)

MEAN WIND SPEED

12

48 - 55

. 47 Ŧ

34 - 40

28 - 33

22 - 27

17 - 21

11 - 16

7 - 10

-3

0

0

0

20000

3.2 2.6 2.6 3.2 3.2 3.2

z Z Z Z

0

0

9.

000

1.2 3.2

SW WSW

0

3.9

5702

0

6.3

155

10

0

6.3

100.0

9

•

4.8

29.7

45.6

10.3

.6

1.3

00000

WNW WNW

0

0

0

0

0

VARBL CALM .

2

0

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

O

155

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

AUG	момти	13	NOURS (L.S.T.)	
73-77	YEARS	LL WEATHER	CLASS	COMPITION
BRUNSWICK, MAINE	STATION NAME	ALL		

SPEED (KNTS) DIR.	::	•	7 . 10	11 . 16	17.21	2.2	28 - 33	34 - 40	41 - 47	48 - 55	% AI	*	MEAN WIND SPEED
z		1.3	2.6	1.3								5.5	8.9
NNE	9.		1.3									2.6	6.5
NE NE		9.	9.									1.3	6.5
ENE	2.6		1.3									3.9	3.0
	1.3	9.	1.3									3.2	5.6
ESE	9.	1.3										1.9	4.3
35	9.	-	1.3			9.						3.9	00
SSE		1.9	3.6	1.3								7.1	8.2
s	1.3	3.9	18.1	6.5								29.7	8
SSW		3.2	5.2	1.9								10.3	8.8
SW			2.6	9.	9.							3.9	10.
WSW	9.	1.3	1.9	9.								4.5	7.6
*	1.9	9.	3.2									5.8	6.1
WNW		9.	2.6	1.9								5.2	10.3
NW		1.3	9.	9.								2.6	8.3
NNN		1.3	3.9	1.9								7.1	8.8
VARBL													
CALM	\bigvee	\bigvee	X	X	X	X	X	\bigvee	\bigvee	X	X	1.9	
	9.7	20.0	50.3	16.8	9.	9.						100.0	8.1

155

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

AUG	MONTH	16	HOURS (L.S.T.)	
	YEARS			
73-77		ALL MEATHER	CLASS	CONDITION
BRUNSEICK, MAINE	STATION NAME			

E ()

MEAN WIND SPEED	10.0	4.0	7.7	4.0	0.0	0.1	0.7	7.7	8.9	1.6.	8.7	10.4	0.6	8.1	4.8	10.6			8.3
×	1.9	3.2	1.9	1.3	5.6	5.2	1.9	7.1	27.7	17.4	7.1	3.5	3.0	4.3	3.2	5.2		2.6	100.0
95																		X	
48 - 55																		X	
41.42																		\bigvee	
34 - 40																		\bigvee	
28 . 33																		X	
22 - 27																		\bigvee	
17 . 21																9.		\bigvee	9.
91 . 10	1.3	9.	9.					1.3	6.5	3.2	9.	1.3	1.9	9.		1.9		X	20.0
7.10		1.3	9.		9.	1.3	1.3	3.2	15.5	11.0	5.8	1.3	•	2.6	2.6	1.9		X	49.7
:	9.	9.	9.	1.3	1.9	3.2	9.	1.9	3.0	5.6	9.	9.	0.	1.3	9.	9.		X	23.9
<u>:</u>		9.				9.		9.		0.			9.					X	3.2
SPEED (KNTS) DIR.	z	N.K.	NE NE	ENE		ESE	35	SSE	9	SSW	3W	WSW	*	WWW	WW	MNN	VARBL	CALM	

NAVWEASERVCOM

5702 SURFACE WINDS JAN 68

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

AUG	MONTH	19	HOURS (L.S.T.)	
73-77	YEARS	ALL HEATHER	CIVES	CONDITION
SETCK. MAINE	STATION NAME			

MEAN WIND SPEED	8.0	0.0	4.0	4.0	3.8	8.0	3.7	6.9	0.0	6.7	5.2	5.9	5.6	5.0	0.9	5.4			5.2
×	3.2	6.1 .	1.9	1.3	3.2	9.	3.9	4.5	26.5	14.8	5.8	4.5	7.1	3.2	2.6	3.2		11.6	100.0
95																		\bigvee	
8 . 35																		X	
41.4																		\bigvee	
3 6																		\bigvee	
28 - 33																		\bigvee	
22 - 22																		\bigvee	
17 - 21										••								\bigvee	9.
51 . 15	0.							9.	9.	9.	9.	9.	9.		9.			X	5.2
7 . 10	1.3	•				9.		9.	10.3	3.9	9.	0.	1.3	9.		9.		X	21.3
:	9.	9.	1.3	9.	1.		1.9	2.6	-	9.4	3.2	1.9	2.0	1.9	9.	1.9		X	41.9
-:- -:-	0.	**	9.	9.	1.3		1.9	9.	3.9	1.3	1.3	1.3	2.6	9.	1.3	9.		X	19.4
SPEED (KNTS) DIR.	z	NNE	¥	EK EK		ESE	*	SSE	•	SSW	NS.	WSW	>	WNW	¥	NNW	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

JAN 68

-5702 SURFACE WINDS MEAN WIND SPEED

128

48 - 55

41 - 47

34 - 40

28 - 33

22 - 27

17 - 21

11 - 16

7 - 10

1.3

SPEED (KNTS) DIR.

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0000

22 NOURS (L.S.T.)

AUG

YEARS

13-17

BRUNSWICK, MAINE

0

0

ALL WEATHER

11.6

2.6

3.9

9.2

9.

1:3

SSW WSW WWW

0

.

NNW VARBL

0

CALM

33.5

100.0

11.6

33.5

0

0

155

0

1

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS)

DIRECTION AND SPEED

0

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	73-77
	MAINE STATION NAME
	CUSHICK, MAINE

0 0 0 0

MEAN WIND SPEED	5.2	5.1	5.9	4.8	4.9	6.2	6.1	6.4	7.0	7.2	7.4	6.7	5.5	7.1	7.0	6.3			
×	7.5	3.6	2.2	1.6	2.2	2.5	1.9	4.4	18.5	10.6	4.1	2.8	4.8	3.2	3.7	5.2		21.0	0 001
39 Al																		X	
48 - 55																		X	
41 - 47																		\bigvee	
34 - 40																		\bigvee	
28 - 33																		\bigvee	
2.2						.1	1.											\bigvee	*
17 - 21						1.	•			• 1	1.					•		X	8
11 - 16	.5	.2	.2					4.	2.5	1.0	9.	4.	4.	9.		9.		X	4
7 - 10	1.5	00	0.	.2	.5	.2	.3	1.	1	4.0	1.6	•	-	1.1	1.5	1.2		X	
•	2.8	1.3	1:0	*	1.1	1.6	•	2.0	6.3		1.2	1.0	1.5	6.	1.3	2.1		X	1 00
::	2.7	1.3		9.	9.	5.	80	5.	2.6	1.5	9.	9.	1.8	9.	•	1.2		X	7
SPEED (KNTS) DIR.	z	Z	¥	EN EN		ESE	*	SSE		SSW	SW	MSM	*	WWW	¥	NNW	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SEP	MONTH	10	HOURS (L.S.T.)
	YEARS		
73-77		ALL MEATHER	CIASS
MAINE	STATION NAME		
BRUNSWICK, MAIN			

WIND WIND SPEED	5.5	4.9	4.7	2.0	2.0	2.5		8.8	5.3	6.9	6.9	5.0	3.0	5.0	5.8	4.3			3.2
*	6.1	4.7	2.0	4.	4.	1.3		3.3	12.0	10.0	4.7		2.0	2.0	3.3	2.7		69.3	100.0
%																		X	
48 - 55																		X	
4.4																		\bigvee	
34 - 40																		\bigvee	
28 · 33																		\bigvee	
22 · 22																		X	
17 . 21																		X	4.
11 . 16					4				1.3									X	2.7
7 . 10	2.7	1.3						1.3	2.7	4.0	2.0			1.	.7	1.		X	16.0
•	2.0	1.3	2.0					.7		4.0	. 7		.7		2.7	.7		X	18.0
:	2.0	2.0		. 7	7.	1.3		.7	5.3	1.3	1.3		1.3	1.3		1.3		X	10.3
RATS) PR.	z	N.	¥	ENE	3	ESE	38	388	s	SSW	SW	WSW	*	WWW	NW	NNN	VARBL	CALM	

(

SEP

73-77

BRUNSHICK, MAINE

ALL WEATHER

CONDITION

04 HOURS (1.5.T.)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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=

0

150

TOTAL NUMBER OF OBSERVATIONS

* WIND SPEED	7.3 4.2	6.7 5.3	1.3 7.0				1.3 2.5	3.3 3.2	8.0 5.1	8.0 7.5	2.7 4.8	4.0 3.5	2.7 4.3	4.0	2.0 5.3	6.0 4.		42.7	100.0
% %																		X	
48 - 55																		X	
41 - 47																		X	
34 - 46																		\bigvee	
28 - 33																		\bigvee	
2.2																		X	
17.21																		\bigvee	
51 . 15									.7	2.0								X	
7 . 10	1.3	2.0	.7						2.0	2.0	.7	.7	.7		.7	1.3		X	
;	3.3	2.0	.7					1.3	2.7	3.3				2.0		2.7		X	000
::	2.7	2.7					1.3	2.0	2.7		1.3	2.7	2.0	1.3		2.0		X	
SPEED (KNTS) DIR.	z	N.	NE	ENE	3	ESE	*	388	8	SSW	NS	WSW	*	WWW	*	NNW	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS JAN 68 5702

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

SEP	04	HOURS (L.S.T.)	
73-77	ALL WEATHER	88713	COMPITION
BRUNSWICK, MAINE			

10

MEAN WIND SPEED	4.7	5.4	4.6	4.0	2.7	2.5	5.5	7.0	7.3	7.5	5.3	3.7	4.7	6.4	5.7	4.0			3.7
×	11.3	5.3	4.7	4.	2.0	1.3	2.7	2.0	6.9	0.4	5.3	4.0	4.0	4.7	4.4	3.3		30.7	100.0
8																		X	
8 . 55																		X	
41.4																		X	
3 4																		X	
28 - 33																		X	
n · n																		X	
17 . 21																		X	
11 - 16		1							2.7									X	4.7
7.10	3.3	.7	.7					. 7	2.0	2.0	2.0			1.3	2.0	.7		X	16.0
;	4.0	4.0	2.0	.,			1.3	1.3	2.7		2.0	2.0	2.0	1.3	1.3	1.3		X	27.3
1.3	4.0		2.0		1.3	1.3			2.0		1.3	2.0	1.3	1.3	1.3	1.3		X	21.3
SPEED (KNTS) DIR.	z	W X	¥	ENE	•	252	*	SSE		SSW	SW	WSW	*	WWW	ž	NN	VARBL	CALM	

NAVWEASERVCOM

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0

0

150

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SEP	HONTH	10	HOURS (L.S.T.)	
73-77	YEARS	IL WEATHER	CIVES	The state of the s
BRUNSWICK, MAINE	STATION NAME	•		
-				

0

0

0

0

0

(3)

MEAN WIND SPEED	5.9	5.5	6.3	5.0	3.3	6.3	2.5	6.9	1.1	9.3	9.9	5.8	8.4	9.6	8.4	1.4			
*	5.3	6.7	0.4	4.7	2.0	2.7	1.3	5.3	14.0	10.0	5.3	3.3	7.3	6.7	3.3	10.0		7.3	
99 Al																		X	
8 - 55																		X	
4.14																		X	
34 - 46																		X	
28 - 33																		X	
n · n																		X	
17 . 21																		X	
5			.7					.7	2.0	2.7			2.0	2.7	1.3	2.0		X	
7 . 10	2.0	2.0	.7	67		1.3		2.0	6.7	3.3	3.3	1.	3.3	2.7	1.3	4.0		X	
:	1.3	3,3	2.7	2.7		.7		2.7	4.7	2.7		2.0		2.0	. 1	2.0		X	
3	2.0	1.3		1.3	1.3		1.3		7.	.7	1.3	.7	2.0			2.0		X	. 140
SPEED (KNTS) DIR.	z	NN	¥	Z	3	ESE	35	SSE	8	SSW	SW	WSW	*	WWW	NW	NNW	VARBL	CALM	

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

73-77

BRUNSWICK, MAINE

0

0

0

ALL MEATHER

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NOURS (L.S.T.)

No.		No.	1	
5702	SURFACE	WINDS	JAN	68

	MEAN WIND SPEED	-	
	*	0.4	
	99		
1 1	7.10 11.16 17.21 22.27 28.33 34.40 41.47 48.55 ≥56		
	41 . 47		
	34 - 40		
	28 - 33		
CONDITION	22 - 27		
800	17 - 21		
	91 . 11		
	7 . 10	2.7	
	**	.,	-
1 1	::	. 7	

MEAN WIND SPEED	7.3	6.7	4.3	5.0	5.5	5.5	5.8	6.4	6.6	11.3	7.3	11.0	4.9	10.0	8.3	0.6		8.2
×	4.0	4.7	2.0	3.3	2.7	1.3	2.7	7.3	22.7	10.0	4.7	2.0	5.3	8.7	8.0	6.7	0.4	100.0
8																	X	
48 - 55																	X	
41 - 47																	M	
34 - 40																	M	
28 - 33																	M	
22 - 27																	M	
17 - 21									.7	1.3		1.			.7		M	3.3
91 - 11							.7		9.3	2.0	.7		1.3	4.0	2.0	1.3	X	21.3
7 . 10	2.7	1.3		1.3	.7	.7		4.0	8.0	6.0	2.0	. 7	2.0	3.3	2.0	4.7	X	39.3
:	1.	3.3	1.3		2.0		1.3	3.3	4.7	1.	2.0		1.3		3.3		X	25.3
:	1.			1.3		.7						. 7	.7	1.3			M	6.7

SW WSW WNWW WNWW NAWW NAWW NAWW

CALM

SSW

Z Z Z Z - Z 3 3 5 5

0

4

0

150

TOTAL NUMBER OF OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

SEP	MONTH	16	HOURS (L.S.T.)	
73-77	TARE	ALL WEATHER	CIASE	COMBITION
BRUNSWICK, MAINE	STATION NAME			

WEAN WIND SPEED	8.7	0.9	4.8	5.0	4.5	4.4	8.0	4.4	9.1	8.7	7.9	7.3	9.3	9.8	9.8	6.6			8.0
*	2.0	4.0	3.3	2.0	2.7	3.3	1.3	5.3	28.0	15.3	6.7	0.4	2.0	6.7	4.0	6.7		2.7	100.0
% AI																		X	
4 8: -																		X	
41 . 47																		\bigvee	
34 . 46																		\bigvee	
28 - 33																		\bigvee	
2.2																		\bigvee	
17 - 21								.7		T .								X	
1.16									8.0	4.7	1.3		.7	2.0	1.3	2.0		X	0 04
7 . 10	2.0	.7	1.3	.7		.7	1.3	1.3	12.0	7.3	2.7	2.7	1.3	2.7	2.0	3.3		X	A 5 A
•		3,3		1.3	2.7	.7		2.7	8.0	3.3	2.7	1.3		1.3		1.3		X	* 0 *
:			2.0			2.0		.7										X	
STED FR. STED	z	N.	¥	ENE		ESE	38	SSE		SSW	SW	WSW	*	WWW	NW	NNW	VARBL	CALM	

NAVWEASERVCOM

150

TOTAL NUMBER OF OBSERVATIONS

•

5702

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

SEP	MONTH	19	MOURS (L.S.T.)	1
73-77	YEARS	ALL WEATHER	CIVES	MOLLIGHOO
BRUNSWICK, MAINE	STATION NAME			

0

0

0

0

0

-

MEAN WIND SPEED	6.0 5.4	1.3 11.5	1.3 6.5	2.0 3.7	2.7 2.8	3.3 3.0	2.7 5.8	3.3 3.8	24.0 6.3	12.7 5.3	3.3 4.4	4.0 6.0	2.0 6.3	4.7 4.3	3.3 4.4	2.7 4.8		20.7	100.0
\$6 Al									100									X	1
48 - 55																		X	
41 . 47																		\bigvee	
34 - 40																		\bigvee	
28 - 33																		\bigvee	
22 - 22																		\bigvee	
17 - 21		.7																X	1.3
1.16									2.0			.7	,5					X	2.7
7 . 10	1.3		.7				1.3		4.7	3.3	.7	. 7		.7		.7		X	14.7
:	4.0			.,	.,	1.3		2.0	11.3	6.7	1.3	2.0	4.	2.0	2.0			X	36.0
:		6.		1.3	2.0	2.0	1.3	1.3	5.3	2.7	1.3		4.	2.0	1.3	1.3		X	7.45
SKNTS) DR. DR.	z	N N	¥		3	353	3	388	s	ASS	NS.	WSW	*	WWW	WW	NNW	VARBL	CALM	

× 0 5702 SURFACE WINDS JAN 68

MEAN WIND SPEED

22 HOURS (L.S.T.)

0

SEP

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

BRUNSHICK, MAINE

ALL WEATHER

28 - 33

22 - 27

17 - 21

11 . 16

7 - 10

4.6

-:

SPEED KNTS) DIR.

2.0

ZZZ

ENE

150

0

1

=0

38.3

100.0

14.7

30.0

2.0

NW NW NW

0

CALM

0

0

ASW WSW

0

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

5907

0

0

1.3

6.0

2 2 2 -

0

TOTAL NUMBER OF OBSERVATIONS

0 101.0

0

1

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

SEP	MONTH	ALL	NOURS (L.S.T.)	
73-77	YEARS	ALL WEATHER	58773	COMBITION
BRUNSWICK, MAINE	STATION NAME			

0

0

0

0

0

0

.

MEAN WIND SPEED	3.4	5.8	5.3	4.6	3.8	4.1	5.8	6.2	4.6	8.2	6.3	5.1	4.0	7.8	1.1	7.1			5.1
×	6.3	4.4	2.6	1.7	1.7	1.7	1.8	4.2	16.5	10.2	4.6	2.9	3.7	5.0	4.0	5.3		23.3	100.0
8 Al																		X	
48 · 55																		X	
41.4																		X	
34 - 40																		\bigvee	
28 - 33																		X	
22 - 27																		\bigvee	
17 . 21		-						£74	.2	.3		.1		1.				X	1.1
. I. 36	-:						.2		3.4	1.7	.3	-•		1.2				X	9.2
7 - 10	2.1	1:1	0.		1.		*.	1.2	4.6	4.2	1.7		1.2	1.5	1.2	2.2		X	23.7
;	2.4	2.3	1.2		6.	*.	S.	1.0	5.7	5.9	1.6	1.2		1.2	1.5	1.3		X	26.8
:	1.7	6.	.7	9.	4.	1.0		. 7	2.3	6.	6.	6.	1.2	1.0	•	1:1		X	15.9
SPEED (KNTS) DIR.	z	NN	¥	Z	-	ESE	*	SSE	s	SSW	NS.	WSW	*	WWW	¥	NNA	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

0

MEAN WIND SPEED	4.8	6.5		5.3	0.6	8.0	0.4	5.0	5.9	6.1	7.4	3.3		4.0	7.8	5.7			4.2
*	12.9	6.5	3.9	1.9	1.3	1.3	9.	1.3	4.5	4.6	6.9	9.2	8.5	1.3	3.2	0.6		27.7	100.0
7 28																		\bigvee	
48 - 55																		\bigvee	
41.4																		\bigvee	
34 . 40																		\bigvee	
28 - 33																		\bigvee	
22 . 27										9.								\bigvee	7
17.21											9.							\bigvee	4
2. 16	1.3	9.	1.3		9.	9.			9.		1.3				9.	9.		X	7 7
7 . 10	1.9	2.6	9.	9.				9.	9.	2.6			9.		1.3	2.6		X	6 71
•••	3.2	1.3	1.3	9.			9.		1.9	3.2	3.9	•	1.9	1.3	1.3	2.6		X	93.0
<u>:</u>	6.5	1.9	•	0.	9.	9.		9.	1.3	3.2	9.	1.9	3.2			3.2		X	0 80
SPEED (KONTS) DIR.	z	Z	¥	ENE	-	ESE	*	SSE		SSW	NS.	WSW	*	WWW	¥	NNN	VARBL	CALM	

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSÉRVATIONS)

DCT	HOM	*0	HOURS (L.S.T.)	
77.	YEARS	~		
RUNSHICK, MAINE	STATION NAME	ALL WEATHER	2. CLASS	сонытіон

-

MEAN WIND SPEED	4.2 5.0			1.9 9.0	1.9 7.3		.6 16.0	0.6 5.0	5.8 5.4	3.5 5.	3.2 7.2	2.6 6.	1.9 4.	1.9 5.	5.2 4.	9.7 6.		29.7	
% 95 Al	1									1								2	
55 - 84						•												$\langle \rangle$	
41 - 47																		X	
34 - 40																		\bigvee	
28 - 33																		\bigvee	
22 - 27																		\bigvee	
12 . 21																		\bigvee	
11 - 16		9.		0.	9.		9.			1.3	9.	9.				9.		X	2
7 - 10	3.2	1.3	1.9	1.3					1.3	2.6	1.3	9.		9.	1.3	4.5		\bigvee	4.00
:	5.8	2.6			9.			•	3.2	5.8	•	9.	1.3		1.3	3.9		X	
÷:	5.2	9.			0.				1.3	3.9	9.	9.	9.	9.	2.6	9.		X	
SPEED (KNTS) DIR.	z	W.	¥	ER		ESE	SE	SSE	5	SSW	SW	WSW	*	WWW	¥	MAN	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

155

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HOURS (L.S.T.)

40000

5702 SURFACE WINDS JAN 68

6.1

9

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

BRUNSWICK, MAINE

0

0

0

0

0

YEARS

ALL WEATHER

22 - 27

17 - 21

11 . 16

7 - 10

7.0

-3

SPEED (KNTS) DIR.

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9.

0.

Z Z Z Z

0

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6.5

6.5

.6

MEAN WIND SPEED 000 2.0 3.0 16.8 1.9 28.4 5.2 100.0 × 12 . 55 4 . 47 7 34 - 40 28 . 33

.6

1.9

2.6

1:00

1.9

SSW

SK

2 2 2 2

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TOTAL NUMBER OF OBSERVATIONS

1.3

22.6

24.5

•6

1.30

1.9

WWW

WSW

0

9.

NW VARBL

0

CALM

0

(1)

.6

3.9

155

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

AND SPEED	OBSERVATIONS)
DIRECTION A	(FROM HOURLY

100	MONTH	10	HOURS (L.S.T.)	
73-77	YEARS	ALL WEATHER	CIVES	CONDITION
ACINOTICK MAINE	STATION NAME			

MEAN WIND SPEED	8.4	7.2	1:1	9.7	0.4	3.0	0.9	5.7	4.9	9.3	11.8	11.9	10.8	9.8	10.4	9.2			8.2
*	18.7	7.7	5.2	1.9	9.	1.9	1.3	1.9	6.5	11.6	5.8	4.5	2.6	5.2	4.5	12.9		7.1	100.0
N 98																		X	
48 - 55																		X	
41.47																		X	
34 . 45																		X	
28 - 33																		X	
2.2											9.							X	9.
17 - 21				9.						1.9		9.	9.	9.		9.		X	5.2
1. 16	4.5	1.3	1.3						1.3	1.3	1.9	1.9	1.3	1.3	1.9	5.6		X	20.6
7 - 10	9.7	2.6	9.				0.	9.	2.6	5.8	3.2	1.3		9.	1.3	7.1		X	36.1
•	3.2	3.2	1.9	•	9.	•		9.	1.9	1.3		9.		1.9	1.3	1.9		X	20.0
:	1.3	9.	1.3	9.		1.3	9.	9.	•	1.3			9.	9.		•		X	10.3
SPEED (KNTS) DIR.	z	N N N	¥	E E		ESE	*	SSE	•	SSW	AS.	WSW	>	WWW	MM	NNN	VARBL	CALM	

NAVWEASERVCOM

0

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0

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

000	MOMTH	13	HOURS (L.S.T.)	
73-77	YEARS	ALL WEATHER	CLASS	The state of the s
UNSWICK. MAINE	STATION NAME			

MEAN WIND SPEED	8.2	8.8	0.9	5.5	8.8	6.0	5.0	7.8	9.1	9.5	11.0	6.5	10.5	10.5	10.6	11.3			9.1
×	12.9	6.9	3.2	2.6	2.6	1.3	9.	3.9	17.4	4.6	4.5	2.6	7.7	6.9	7.7	0.6		1.3	100.0
95 1																		X	
8 . 55																		M	
41.4																		X	
34 - 40																		X	
28 - 33																		X	
22 - 27																		X	
17 - 21									1.3	•	9.		••	9.				X	9.6
1 . 16	2.6	1.9			1.3			9.	9.2	5.6	1.3	9.	2.6	2.6	3.2	5.8		X	7.76
7 . 10	5.8	2.6	9.	9.		9.		1.9	9.7	4.5	1.9	9.	3.9	1.3	3.2	3.2		X	40.6
:	3.2	1.9	2.6	1.3	9.		9.	•	3.8	1.9	9.	9.		1.9	1.3			X	20.6
::	1.3	•		9.	9.	9.		9.	•			9.	9.					X	8.8
SPEED (KNTS) DIR.	z	NNE	¥	ENG		ESE	*	388	•	SSW	SW	WSW	*	WWW	M	NNW	YARBL	CALM	

0

NAVWEASERVCOM

0

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NOURS (L.S.T.)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

BRUNSHICK, MAINE

0.

0

0

ALL WEATHER

CONDITION

5702

TOTAL NUMBER OF OBSERVATIONS

0

_	7 . 10	5	17.21	22 - 22	28 . 33	34 . 40	4.4	48 - 55	8	*	MEAN WIND SPEED
2	4.5	1.9								7.7	8.8
-		1.3								3.2	10.8
	1.9	0.								3.2	8.4
-	1.3									2.6	7.3
										1.9	5.3
	6.1									3.2	6.6
	9.									1.3	6.5
	6.1	9.								5.2	6.5
-	6.5	1.9								19.4	7.2
	1.1	1.3		9.						13.5	8.4
	1.3	9.								5.2	7.4
		9.	9.							3.€	9.8
	1.3	1.3	9.							5.4	9.1
	1.9	1.3								8.6	8.1
	1.9	2.6	9.							9.8	
1	7.7	5.6								11.0	
A I	\bigvee	X	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	9.	
	E. 14	1 A. B	1.0	7						0.001	8.1

0

5702 SURFACE WINDS JAN 68

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

001	MOMTH	61	NOURS (L.S.T.)	
73-77	YEARS	ALL WEATHER	CIVES	COMBITION
TCK, MAINE	STATION NAME			0.

O

MEAN WIND SPEED	8.6	5.8	6.7	8.0	3.0	5.4		2.8	5.7	7.6	4.6	4.4	7.6	9.9	6.1	6.0			4.9
×	8.4	2.6	3.9	9.	3.2	3.2		2.6	19.4	5.3	6.4	5.2	3.2	6.4	1.1	7.7		18.1	100.0
95 Al																		\bigvee	
8 . 55																		X	
41 . 47																		X	
34 . 46																		X	
28 - 33																		\bigvee	
22 - 27									9.									X	•
17 - 21														9.				X	9.
5	2.6		1.3						1.3	1.9	9.				9.	9.		X	0.6
7 . 10	3.2	1.3		9.		1.3			3.2	1.3	9.	1.3	2.6		•	2.6		\bigvee	18.7
;	1.9	9.	1.3		9.	••		•	6.9	1.9	0.	1.3		3.2	5.2	3.9		X	28.4
:	9.	9.	1.3		2.6	1.3		1.9	7.7	9.	2.6	2.6	9.	9.	•	9.		X	24.5
SPEED (KNTS) DIR.	z	N.	Z	Z.	-	ESE	35	325		SSW	NS.	WSW	*	WWW	¥	MNW	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

5702 SURFACE WINDS JAN 68

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

100	MONTH	22	NOURS (L.S.T.)	
73-77	YEARS	ALL WEATHER	SEVE CELASS	сомыттом
BRUNSWICK, MAINE	STATION NAME			

0

0

0

0

MEAN WIND SPEED	5.9	7.6	5.3	11.5	5.2	12.0		2.0	7.6	7.6	6.5	5.0	4.8	6.9	6.3	1.1			4.0
×	6.6	5.5	3.9	1.3	3.2	0.		9.	0.11	5.4	6.9	2.6	3.9	5.8	3.9	5.8		9118	100.0
% AI																		X	
48 · 55																		X	
41 - 47																		X	
3 6																		X	
28 · 33																		X	
22 - 27									9.									X	9.
17 - 21	9.								9.					9.		9.		$\langle \rangle$	2.6
91 - 11	9.	9.		9.		9.			1.3		9.				9.			$\langle \rangle$	5.2
7.10	1.3	2.6	1.9	•	9.				9.	2.6	1.9	1.3		5.6	9.	2.6		X	19.4
:	4.5	9.	•		1.3				6.5	1.9	3.2		3.9	1.3	1.9	1.3		X	27.1
:	2.6	1.3	1.3		1.3			9.	1.3		9.	1.3		1.3	9.	1.3		X	13.5
SYED (KNTS) DIE.	z	Z	¥	E E		ESE	*	256	8	SSW	NS NS	MSM	*	WWW	WW	NNW	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

155

1

NAVWEASERVCOM

0

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0

1240

TOTAL NUMBER OF OBSERVATIONS

0

PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

(FROM HOURLY OBSERVATIONS)

73-77 WEATHER CLASS BRUNSWICK, MAINE

0

WIND WIND SPEED	12.7 6.9	5.2 7.5	3.4 7.0	1.8 7.9	1.9 6.3	1.5 6.2	.6 7.1	2.1 5.8	1.4 7.1	9.6 7.6	5.2	3.3 6.9	4.0 7.2	4.2 8.0	5.6 8.1	9.4 7.9		18.1	1000
*	13	• 1							=		-	.,,	•	•		5		7	100
XI AI																		X	
48 - 55																		\bigvee	
4 . 4																		\bigvee	
34 - 46																		\bigvee	
28 - 33																		\bigvee	
n · n									.2	.2	1.							\bigvee	2
17 - 21	•1			1.					.3		2.	2.	• 5	. 3	.2	.2		X	
9	1.8	1.0	9.	.2	4.	.2	1.	.2	1:1	1.3	6.	s.	9.	.7	1.4	1.7		X	1
7 - 10	4.5	1.9	1.0	.7	7.	0.	.2	.7	3.2	3.6	1.6	•	1.0	6.	1.4	4.3		X	3.4.
:	3.5	1.6	1.0	.5		.3	.2	9.	4.7	2.8	1.6	6.	1.2	1.8	2.2	2.0		X	. 34
::	2.7	.7	9.	m.		s.	1.	0.	1.9	1.4	6.	1.0	6.		9.	1.2		X	7 . 7 .
SPEED (KNTS) DIR.	z	W.	¥	ENE		ESE	35	SSE	9	SSW	SW	WSW	*	WWW	NW	NNN	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

5702

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

NON	HORTH	10	HOURS (L.S.T.)	
73-77	YEARS	ALL WEATHER	SIYES	COMBITION
BRUNSWICK, MAINE	STATION NAME			

7.10	2 . 1	17.2	2.20	28 . 33	34 - 40	41.4	4 8	3 5 Al	,	MEAN WIND SPEED
2	2	•							5.3	6.9
									1.	5.0
	.7								2.7	6.8
									2.0	6.3
									1.3	5.5
2	2.0 1.3	3							2.3	7.6
	. 7.	7							3.3	4.0
2	2.0 2.0	0							1.3	-
2	2.0	1							6.7	1.9
-	.3	-							4.7	0.0
1	.3	1							8.0	5.2
	2.	7							2.7	12.0
	•	7							4.7	4.6
X	$\langle \rangle$	\bigvee	\bigvee	\bigvee	\bigvee	X	\bigvee	\bigvee	32.0	
13	13.3 10.7	4. 7							100.0	4.3

0

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ADN	MONTH	*0	MOURS (L.S.T.)	1
73-77	YEARS	ALL WEATHER	CIVE	RYANING
BRUNSWICK, MAINE	STATION NAME			

0

0

C

0

0

MEAN WIND SPEED	5.2	7.3	4.4	0.9	9.7	9.0		7.0	6.3	7.7	7.3	5.8	5.8	8.5	1.	5.9			4.5
*	6.3	8.7	3.3	2.0	2.0			2.0	0.9	2.0	6.7	8.0	6.7	2.7	0.4	5.3		30.7	100.0
85 VI																		X	
48 . 55																		X	
41.4						1												\bigvee	
34 - 40																		\bigvee	
28 - 33																		X	
22 - 27																		X	
17.21			-															X	4.
2 :		1.3								.7		1.3		1.3	.7	1.3		X	8.7
7 - 10	2.0	3.3			1.3				2.7		5.3	.7	2.7	.7				X	21.3
:	2.0	2.7	2.0	2.0					3.3	1.3	۲.	4.0	2.7			.7		X	22.7
:	4.7	1.3									4.	2.0	1.3	.7	1.3	2.7		X	16.0
SPEED (KNTS) DIR.	z	¥	¥	SK SK		ESE	*	388	8	SSW	NS	WSW	*	WWW	M	NNA	VARBL	CALM	

NAVWEASERVCOM

150

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

BRUNSHICK, MAINE

73-77

ALL WEATHER

YEARS

NOURS (L.S.T.)

NON

0

WING		9		2	7	9	*	80	1	4		9		00	•	4			
*	14.0	8.7	3.3	1.3		2.0		1.3	6.7	2.7	6.7	5.3	4.0	4.0	2.7	5.3		30.7	
8																		X	
48 - 55																		X	
4.4																		X	
34 . 40																		\bigvee	
28 . 33																		\bigvee	
22 - 27																		\bigvee	
17.21									. 1						.7	.7		X	
11 . 16	1.3	.7							1.				1.	1.3				X	
7 . 10	2.0	3.3	4.						1.3	2.0	2.7	1.3		.,		2.0		X	
:	0.9	4.7	1.3	1.3					2.0		3.3	2.0	2.7	.,	1.3			X	THE REAL PROPERTY.
:	4.7		1.3			4.			2.0			1.3		1.3		2.0		X	THE REAL PROPERTY.
85-		=		2			_			3	*	*	1 ,	2	*	>	181	*	

SURFACE WINDS JAN 68

SURFACE WINDS

VON

-

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77 BRUNSWICK, MAINE

WEATHER CAN

SPEED (KNTS) DIR.	::	:	7 - 10	11 . 16	17.21	2.2	28 - 33	34 - 40	4.4	48 - 55	8 Al	*	WIND WIND SPEED
+	6.	4.0	3.3	.7								9.3	8.1
NN	1.3	2.7	2.7	1.3								8.7	7.5
	2.0		1.3									0.4	4.8
SK SK	1	.7	2.0									3.3	6.6
-	6.		.7	.7								2.7	7.8
ESE			.7										7.0
	1			.7								1.3	7.0
5	1.3	3.3	1.3	1.3	.7							6.0	7.5
SSW		. 7	4.0	2.0								7.3	9.3
	. 7	1.3	2.0	1.3	. 7							0.9	9.3
3	1.3	1.3	.7	2.7								6.0	7.8
		2.7	4.7	3.3								10.7	9.0
*		2.0	2.7	1.3			.7					7.3	9.8
	2.0			4.7								7.3	11.9
NNN	4.0	1.3	3.3									10.7	7.1
=													
CALM	V	X	X	\bigvee	\bigvee	X	X	\bigvee	\bigvee	\bigvee	\bigvee	6.7	
-	14.7	21.3	29.3	22.0	2.0	1.3	.7					100.0	7.8

.0

NAVWEASERVCOM

TOTAL NUMBER OF OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED VED. M. HOLIBIY ORSEDVATIONS

	NON	HONTH	13	MOURS (L.S.T.)	
(FROM HOURLY OBSERVATIONS)	73-77	YEARS	ALL MEATHER	CIVES	
	C. MAINE	STATION NAME			
	14611 BRUNSWICK, MAI				
	14611	STATION			

0-

0

	• • •	7.10	11 . 16	17 - 21	2.2	28 - 33	34 - 46	41.47	48 . 55	% %	*	MEAN WIND SPEED
.,		2.0	1.3								4.7	0.0
1.3	2.7	2.0		. 7							6.7	6.8
		1.3									1.3	9.6
.7	2.0	.7									3.3	5.6
		1.3									2.0	-
	1.3		1.								2.0	6.1
												3.0
											1.3	3.0
	2.7	5.3	1.3								10.0	8.3
	4.0	0.9	3.3	1.3							15.3	9.6
	.,	2.7									4.0	
		1,3	1.3								0.4	11:
.7	.,	0.0	4.0	1.3							12.7	10.
	2.0	1.3	3.3								7.3	11.2
	2.7	3.3	4.0								10.0	10.01
. 7	2.0	0.9		.7							10.0	8.3
X	X	X	X	X	\bigvee	\bigvee	\bigvee	\bigvee	X	\bigvee	4.7	
5.3	24.0	30.2	30.0	4.7							100.0	8

0

0

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

NON	YEARS		HOURS (L.S.T.)	
73-77	4	ALL WEATHER	61.88	
UNSWICK, MAINE	STATION NAME			

MEAN WIND SPEED	6.5	6.6	3.6	3.5	9.5	5.0	0.9	4.8	1.1	6.7	7.1	9.6	9.8	8.0	7.9	9.5			7.0
×	6.7	5.3	3.3	1.3	2.7	2.7	4.	0.4	12.7	10.0	5.3	6.0	0.0	10.0	11.3	5.3		6.1	100.0
89 Al																		\bigvee	
48 - 55																		X	
41 - 47	10.00																	\bigvee	
34 . 46																		\bigvee	
28 - 33																		\bigvee	
22 - 27																		\bigvee	
17.21												.7						X	2.7
11 . 16	1.3	.7			.7				3.3	1.3	1.	2.7	1.3	2.0	1.3	.7		X	16.0
7 . 10	1.3	1.3			2.0				3.3	1.3	2.0		3.3	4.0	4.7	2.0		X	26.0
:	2.7	2.0	1.3			2.7	.7	2.7	4.7	6.7	1.3		.7	2.0	3.3	2.0		X	34.0
:	1.3	1.3	2.0	.7				1.3	1.3		1.3	1.3		2.0	1.3			X	14.7
SPEED (KNTS) DIR.	z	NNE	NE	ENE		ESE	35	SSE	s	SSW	NS.	WSW	*	WWW	NW	NNW	VARBL	CALM	

(3)

TOTAL NUMBER OF OBSERVATIONS

0

(

(1)

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

BRUNSWICK, MAINE

-

19 HOURS (1.5.T.)

NON

0

0

0

0

0

SPEED KNTS) DIR.	1.3	• • •	7 - 10	9	17 - 21	22 - 27	28 - 33	34 . 40	41 - 47	48 - 55	95 AI	×	MEAN WIND SPEED
z	2.7	1.3	2.7	1.								7.3	6.9
W.	1.3	2.7										0.4	3.6
a z	1.3	.7										2.0	3.0
ENE	,	2.0	.7									2.7	5.8
	1.3	.7										2.0	3.0
ESE													
35	.7	1.3	.7									2.7	4.3
SSE	2.0											2.0	2.3
9	1.3	2.7	2.0	1.3	1.3							8.7	9.2
SSW	.,	3.3	1.3	1.3								6.7	7.4
NS.	1.3	1.3	2.7									0.9	6.1
WSW	.7	2.0	.7	1.3								4.7	9.9
*	2.0	2.0		1.								5.3	5.1
NN.	1.3	1.3	2.0	1.3								0.9	1.1
¥			2.7	1.								0.4	10.
INW		4.0	4.0									8.0	6.6
ARBL													
ALM	\bigvee	X	\bigvee	X	X	\bigvee	\bigvee	X	\bigvee	\bigvee	\bigvee	28.0	
	16.7	25.3	20.0	8.0	2.0							100.0	

0 0 0

0

0

150

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND	DIRECTION AND SPEED	(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

UNSWICK, MAINE	73-77	NON
STATION NAME	YEARS	момти
	ALL WEATHER	22
	CLASS	HOURS (L.S.T.)

MEAN WIND SPEED	3.8	4.9	5.0		8.0	10.0	5.5	5.0	7.6	8.7	7.3	6.1	5.2	8.9	11.0	6.1			*.
*	8.7	8.0	2.7		1.3	.7	1.3	1.3	10.7	4.7	1.9	0.9	7.3	4.4	2.0	6.9		24.7	100.0
8 Al																		X	
48 · 55																		X	
41.47																		\bigvee	
34 - 46																		X	
28 - 33																		X	
22.22																		X	
17 - 21																		X	4.
5		.7			.7				3.3	1.3	.7	.7		1.3	1.3	.7		X	11.3
7 - 10	1.	1.3				. 7			2.7	2.0	2.7	2.0	1.3			4.0		X	18.0
•	4.7	2.0	1.3				1.3	1.3	.7		3.3	2.7	2.7	2.0		1.3		X	24.7
?	3.3	0.4							4.0			.7	2.7			3.3		X	20.7
SPEED (KNTS) DIR.	z	Z Z	Ä	ENE	•	ESE	35	SSE	•	SSW	AS.	WSW	*	WWW	¥	NN.	VARBL	CALM	

-

1234-18766 SURFACE WINDS JAN 68 5702

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

YEARS 73-77 CONDITION BRUNSWICKS MAINE

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1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	
	2.0 .9
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	. 7.
	1. 6.
	.2
	2.6 1.6
	2.2 1.3
	7. 7.2
	1.2 1.4
	2.6 1.4
	9.1 9.1
.9 .1	6.1 4.1
.7 .2	7. 7.2
.8 2.2 .1	23.1 12.8

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NAVWEASERVCOM

0

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1200

TOTAL NUMBER OF OBSERVATIONS

0.40

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

DEC	HUNDH	10	NOURS (L.S.T.)	
73-77	YEARS	ALL WEATHER	CLASS	COMBITION
BRUNSWICK, MAINE	STATION HAME			

MEAN WIND SPEED	5.7	6.7	5.7	8.5	2.0			15.0	12.3	11.6	6.1	3.3	1.3	7.9	8.5	8.3			5.7
*	15.5	4.6	1.9	1.3	••			1.9	4.5	5.0	2.5	4.5	5.8	8.4	2.6	7.7		24.5	100.0
% Al																		X	
8 . 55																		X	
41.4																		\bigvee	
34 - 46																		X	
28 - 33																		\bigvee	
22 . 27								9.		••								X	1.3
17.21								•	9.	9.				9.				X	3.6
1 . 16	1.3	1.9		9.					1.9	1.9	9.		9.	1.9	•	5.6		X	24.2
7 - 10	3.2	1.3	9.						1.3	•	1.3		2.6	2.6	1.3	2.6		X	7 4
:	7.7	4.5	9.						•	1.9	1.9	1.9	1.3	2.6	•	1.3		X	96.2
ş: -	3.2	1.9	9.	9.	9.			0.			1.3	2.6	1.3	9.		1.3		X	8 .A.
SPEED (KNTS) DIR.	z	NN	7	ER	•	ESE	35	SSE	s	SSW	SW	WSW	*	WWW	*	MNW	VARBL	CALM	

1234~18766 5702 SURFACE WINDS JAN 68

				1
	YEARS			
73-77		ALL WEATHER	CIVES	CONDITION
AINE	H MANE			

NOURS (L.S.T.)

DEC

SURFACE WINDS

MEAN WIND SPEED	5.8	7.4	5.5	7.0	0.9	4.0		11.5	9.3	10.0	4.8	1.0	3.8	9.9	8.3	1.0			5.2
*	12.9	12.9	2.6	9.	9.	9.		2.6	5.8	4.5	2.6	5.2	3.2	6.9	3.0	0.6		26.5	100.0
3 9 Al																		X	
48 · 55																		X	
41.4																		\bigvee	
34 - 40																		X	
28 - 33																		\bigvee	
2.2																		\bigvee	
17.21								9.	•	••		••			9.			X	3.2
3 16	1.3	3.2						9.	1.3	1.3				0.		5.6		X	11.0
7 . 10	3.9	3.2		•					1.9	1.9	9.	1.3		2.6	1.0	1.9		X	20.0
:	3.2	3.0	5.6		9.	•		1.3	9.		1.3	1.9	1.9	9.	•	1.9		X	21.3
:	4.5	5.6							1.3	•	•	1.3	1.3	2.6	•	5.6		X	18.1
SPEED (KNTS) DIR.	z	N.	¥	Z.	•	ESE	3	388		SSW	S	WSW	>	WWW	¥	NA.	VARBL	CALM	-

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

BRUNSWICK, M

0

0

0

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS JAN 68

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DEC	HTMON	07	NOURS (L.S.T.)	1
73-77	YEARS	ALL WEATHER	CLASS	COMBITION
BRUNSWICK, MAINE	STATION MAME			

0.

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0

(KNTS) 1 · 3 4 ·	N 5.2	3.2	9.		1	9. 33		386	9.	NSS	sw 1.3	wsw .6	w 3.2	www .6	9. WM	9.	VARSL	CALM	
• • • • • • • • • • • • • • • • • • • •	6.5	5.2	1.9	9.	9.				••	1.3	9.	1.3	1.3	1.9	9.	3.2		$\langle \rangle$	
7 . 10	3.2	3.2	9.						1.9	2.6	9.	1.3	9.	9.	1.3	1.9		$\langle \rangle$	11 6 7 0
÷ :	1.9	9.						1.3	9.	3.2		9.	1.3	1.9	1.3	1.3		X	2
17 - 21		9.										,						X	
2.2								9.				••						\bigvee	
28 - 33																		\bigvee	
34 - 40																		\bigvee	
41 - 47																		\bigvee	
48 - 55																		X	
% AI																		X	
×	16.8	12.9	3.2	9.	9.	0.	9.	1.9	3.9	7.1	2.6	4.5	6.5	5.2	3.9	7.1		21.9	7 7 77 72
MEAN WIND SPEED	5.1	6.	5.6	5.0	5.0	2.0	2.0	16.3	8.0	0.0	5.3		3.6	8.0	9.0	4.4			

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

SURFACE WINDS JAN 68

5702

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12

48 - 55

41 . 47

34 - 40

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17 - 21

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NOURS (L.S.T.)

YEARS

73-77

BRUNSWICK, MAINE

ALL WEATHER

COMBITION

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•••••		-		1 - 0		
Z 0 0	.2	0	2	0	5	-

MEAN WIND SPEED	7.2	8.8	6.2	3.0	4.3	6.9	18.0
	0	2	~	27)	9	-	9

7.2	8.8	6.2	3.0	4.3	6.9	18.0	4.6	10.2	
11.6	14.2		1.3			2.6	3.2	3.2	7

3.0	4.3	6.9	18.0	4.6	10.2	1.	8.0	8.5
6.1	5.6	1.3	2.6	3.2	3.2	6.9	6.9	5.6

1.3

 10.9	8.5	8.0	7.7	10.2	9.4	18.0	
6.5	2.6	4.5	6.9	3.2	3.2	5.6	
4	2.6	4.5	6.9	3.2	3.2	2.6	

1.1	8.0	8.5	10.9	10.5	
6.9	4.5	2.6	6.5	10.3	4

	7.7	8.0	8.5	10.9	10.5
-	6.9	4.3	5.6	6.9	10.3

8.	11.0
10.	10.3
10.	6.9
8.	2.6
8.	4.5
-	6.9

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SSW NS. 3.6

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WSW WWW

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NW NAW VARBL

CALM

15.5

	-	ı
	5	1
3	-	1
		1
		1
		1
		1

0

1

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS)

DIRECTION AND SPEED

0

0

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

DEC	MOMTH	13	NOURS (L.S.T.)	
	YEARS			
73-7		ALL WEATHER	CIVES	COMBITION
BRUNSWICK, MAINE	STATION NAME			

WIND SPEED	7.8	9.3	6.2	4.8	4.5	7.5		15.5	8.2	8.1	4.6	6.3	7.4	10.1	11.5	9.6			8.4
×	12.9	10.3	3.9	2.6	1.3	1.3		2.6	10.3	6.5	5.2	1.9	7.1	11.0	7.7	11.6		3.9	100.0
98																		X	
8 . 55																		X	
41.4																		X	
34 - 46																		X	
28 · 33																		X	
22 - 27								1.3										X	1.3
17 - 21									9.					1.9	1.3			X	3.9
9	2.6	3.2				9.			1.3	1.3	9.	9.	1.9	2.6	2.6	5.2		X	22.6
7 - 10	3.9	4.5	1.9	9.				9.	4.5	3.2	2.6		1.3	2.6	1.9	3.2		X	31.0
• •	5.8	1.3	1.3	1.3	9.				2.6	1.3	1.9	9.	2.6	2.6	1.9	3.2		X	27.1
:	9.	1.3	9.	9.	9.	9.		9.	1.3	9.		9.	1.3	1.3				\bigvee	10.3
SKATS BE	z	NN	N.	ENE	3	ESE	38	SSE	8	SSW	NS.	WSW	*	WWW	NW.	NNW	VARBL	CALM	

NAVWEASERVCOM

TOTAL NUMBER OF OBSERVATIONS

5702 SURFACE WINDS JAN 68

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

DEC	MONTH 16	NOURS (L.S.T.)
73-77	ALL MEATHER	CLASS
14611 BRUNSWICK, MAINE	STATION NAME	
14611	втатюн	

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0

0

MEAN WIND SPEED	7.5	7.2	4.9	2.0	4.7	8.0	9.7	10.6	7.9	7.3	8.4	4.7	4.4	6.1	9.6	8.2			6.7
*	13.5	5.8	5.5	9.	1.9	1.3	1.9	4.5	7.7	3.9	4.5	3.9	4.5	6.5	12.9	11.0		10.3	100.0
% Al																		X	
48 . 55																		X	
4.4																		\bigvee	
34 - 40																		\bigvee	
28 - 33																		\bigvee	
22 - 27								••							9.			X	1.3
17 - 21								9.	9.									X	1.3
91 - 16	2.6	9.	9.			9.	•	9.	1.3	•	9.		9.	1.3	1.3	9.2		X	14.2
7 . 10	5.2	1.9	9.		0.		••	9.	9.	1.9	1.9	1.3	1.9	•	6.5	4.5		X	29.0
:	4.5	2.6	1.9			9.	9.	9.	3.9	1.3	1.3	9.	9.	2.6	3.2	3.2		X	27.7
:	1.3	9.	1.0	•	1.3			1.3	1.3		9.	1.9	1.3	1.9	1.3	9.		$\langle \rangle$	16.1
SPEED (KNTS) DIR.	z	W X	¥	ENE	•	ESE	*	388	•	SSW	AS.	WSW	*	WWW	¥	NNN	VARBL	CALM	

0

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T

DEC

WINDS

SURFACE

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS)

73-77

BRUNSWICK, MAINE

0

0

0

0

0

DIRECTION AND SPEED

5.8

3.9

0.00.00 0.00.00 0.00.00

23.2

0

3.5

3.9

NAW NAW

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VARBL

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12.9

24.5

20.0

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0.0

MEAN WIND SPEED 1.900

*

17 - 21

11 . 16

7 - 10

4.6

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10.3

12.3

NOURS (L.S.T.) ALL WEATHER

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2.6

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1.3

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NSW WSW

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Ĭ	
OBSERVATIONS	
120	
ER OF	
NUMBER	
TOTAL	

155

5

100.0

0

NAVWEASERVCOM

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22 HOURS (1.5.T.)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

FROM HOURLY OBSERVATIONS)

73-77

BRUNSWICK, MAINE

0 10

155

TOTAL NUMBER OF OBSERVATIONS

702	SURFACE	WINDS	JAN	68

MEAN WIND SPEED	6.2	7.8	4.3	5.0	8.5	2.0	22.0	11.8	10.9	8.5	4.4	3.6	1.4	8.3	4.0	7.4			5.6
×	14.2	11.0	1.9	1.3	1.3	9.	0.	2.6	4.5	3.9	5.2	3.2	5.2	5.8	6.5	7.7		54.5	100.0
98																		X	
48 - 55																		X	
41.4																		\bigvee	
34 - 46																		\bigvee	
28 - 33																		X	
22 . 27							9.		9.									X	1.3
17 - 21	9.								••					9.				X	1.9
11 - 16	9.	1.3						1.3	1.3	1.3	1.3			9.	1.9	5.6		X	12.3
7 . 10	3.2	6.5			1.3			1.3	9.	1.3	•		•	2.6	2.6	1.3		X	21.9
:	5.2	2.6	1.3	1.3							9.2	1.9	5.6	1.3	1.9	2.6		X	23.2
::	4.5	9.	9.			0.			1.3	1.3	•	1.3	1.9	9.		1.3		\bigvee	14.8
SPEED (KNTS) DIR.	z	NNE	32			ESE	*	386	•	SSW	AS.	WSW	*	WWW	×	NNN	VARBL	CALM	

0

0

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C

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS JAN 68

986	MONTH	ALL	NOURS (L.S.T.)	1
73-77	YEARS	ALL WEATHER	CIASS	COMBITION
BRUNSWICK, MAINE	STATION NAME			

WIND WIND SPEED	7 6.5	4.0	1 5.5	5.7	6 2 3	9 6.8	4 10.6	13.5	2 8.9	3 8.9	6.9	1.9	8 6.5	8.2	4.6	6 8.2		•	6.3
*	13.	10.4	3.	1.3	1.	•	•	2.8	5.2	5.3	4.4	0.4	4.8	7.0	6.9	9.6		18.8	100.0
% Al																		\bigvee	
48 - 55																		X	
41.4																		X	
3. 18							T.											\bigvee	
28 . 33																		\bigvee	
n · n							.1	9.		1.		1.			.2			\bigvee	1
17 - 21		.2				7.		.3	4.	.2		2.		*•	5.	1.		X	2.5
11 - 16	1.5	2.1	7.	7.		.2	.1	6.	1:1	1.5	9.	.2	.7	1.6	1.3	5.9		X	14.9
7 . 10	4.1	3.5	.7	.3	.3	1.	.1	**	1.5	1.8	1.5		1.0	2.1	2.8	2.9		\bigvee	23.8
:	5.2	3.3	1.6	s.	9.	.2	1.	.2	1.3	1:0	1.7	1.5	1.5	1.6	1.6	2.4		X	24.4
:	2.8	1.4	9.	*	+.		.1	4.	0.	9.	.7	1.2	1.5	1.3	9.	1.3		X	14.5
SPEED (KNTS) DIR.	z	N.	¥	Z	3	353	*	386		SSW	SW	WSW	*	WWW	W	NNN	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

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0

0 0

14608

TOTAL NUMBER OF OBSERVATIONS

PERCENIAGE PREGUENCI OF WIND	DIRECTION AND SPEED	OBSERVATIONS)
PEKCENIAGE FKE	DIRECTION	(FROM HOURLY

SURFACE WINDS

ALL	HTHOM	ALL	HOURS (L.S.T.)	
73-77	YEARS	ALL WEATHER	CLA88	COMBITION
BRUNGEICK, MAINE	STATION NAME			

MEAN WIND SPEED	1.1	6.8	0.9	1.9	5.5	5.7	9.1	6.9	1.1	8.2	7.1	7.0	1.7	8.5	9.4	8.5			6.2
*	9.6	5.5	3.2	2.0	2.0	1.6	1.5	3.4	13.7	8.6	4.6	3.6	4.3	5.0	5.8	7.6		17.8	100.0
% AI																		X	
48 - 55																		X	
41 - 47																		X	
34 . 46																		X	
28 . 33													0.	0.				X	0.
2.2	0.	0.	•	•	0.	0.	0.	•	1.		•	•	•	•		0.		X	
17 - 21	.2	1.	0.	0.	0.	0.	0.	7.	.3	.3	7.	7.	1.	.2	4.	4.		X	2.6
	1.5	4.	.3	-:	.2	1.	-:		5.4	1.0	9.			1.2	1.6	1.7		X	13.9
7 . 10	2.8	1.6			4.		4.	1.0	4.7	3.2	1.6	6.	1.2	1.6	1.8	2.6		X	25.4
:	3.1	2.0	1,2	•		9.	0.	1.2	4.1	5.4	1.5	1.2	1.3	1.3	1.5	1.8		X	25.5
:	2.0	1:1	8.				4.	4.	2.1	1.0		œ.	1.1		. 5	1.1		X	14.5
SPEED (KNTS) DIR.	z	N.	a z	ENE		ESE	*	SSE	•	SSW	SW	WSW	*	WWW	WW	NNW	VARBL	CALM	

0

TOTAL NUMBER OF OBSERVATIONS

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS)

INSTRUMENT BRUNSWICK, MAINE

73-77

CIG 200 TO 1400 FT W/VSBY 1/2 MI DR MDREA

0

0

0

0

0

0

AND/DR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT DR MORE

SPEED (KNTS) DIR.	:	;	7 . 10	9	17.21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	% AI	*	MEAN WIND SPEED
z	1.7	3.8	5.0	2.1	.2							12.7	7.
N.	1.1	2.7	3.2	1.7	.2	0.						8.9	7.
Z	1:1	1.9	1.9	8.	0.							5.7	6.8
ENE	.7	1.7	1.2	•	.2							4.5	7.6
	1.5	2.0	1.6		1.	0.						6.0	9.9
ESE	1.0	1.6	1.1	*.	.1	0.						4.2	9.9
35	9.	1.4		*.	1.	1.						3.3	7.1
SSE	1.0	1.8	1.6	1.1	.3	.2						6.1	8.6
•	2.1	4.6	5.3	2.7	9.	.2						15.5	8.0
SSW	6.	,_	2.3	1.6	**	.2						7.8	
SW	6.		1.2	e.	0.							2.6	7.3
WSW	*.	.7	.3	7.								1.5	5.
*	30	4.	.2	7.	0.							1.5	. ,
WNW	**	.3	*	.2								1.3	. 9
NW	.2	9.	4.	.2	.1							1.4	7.
NNN	.5	1.4	1.4	9.	2.							4.0	7.6
VARBL													
CALM	\bigvee	\bigvee	\bigvee	X	\bigvee	13.0							
	6.41	28.1	27.9	13.5	2.4	0.						100.0	6.6

CEILING VERSUS VISIBILITY

equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to presented as follows:

- Annual all years and all hours combined
- By month all years and all hours combined By month by standard 3-hour groups

station was meeting or exceeding any given set of minims may be determined from the figure at the intersection ferring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by reon pages 2 and 3 below. U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

0

	0 1	75) 2				98.1		100.0
	7.	(
	≥ 5/16								
	٧ ٪)						
	% Al	>							
	% //)						
.ESJ	- AI						7.79		98.3
VISIBILITY (STATUTE MILES)	7,1 <	1				48			
BILITY (ST.	×1×								
NISI	2 4								6.96
	> 2 %	7(
	N N	7	0						95.4
	VI			The second					
	VI S	7							
	9	\(\)		10.8					# 12 A 20 A
	01 10	3		1					
CEILING	(FEE)	NO CEILING	V V 1800	N 1200	% % % %	VI VI 6 00	VI VI 00 4 00 4	N N	8°

Read ceiling values independently of visibility under column at right headed > 0. For instance, from the table: Ceiling > 1500 feet = 92.6%.

Ceiling > 500 feet = 98.1%. EXAMPLE # 1

Read visibilities independently of ceilings on bottom line opposite > 0. From the table: Visibility > 3 miles = 95.4%.
Visibility > 2 miles = 96.9%.
Visibility > 1 mile = 98.3%.

EXAMPLE # 2

To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%. EXAMPLE # 3

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet</p> and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value observations meeting the lower set of limits, but not meeting the higher set of limits. in the table for the second set of limits. The difference will be the percentage of

The value 91.0 read from the table at the intersection of > 1500 feet with > 3 miles, subtracted from 97.4 read from the table at the intersection of > 500 feet with > 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling > 500 feet with visibility > 1 mile, but < 3 miles; or ceiling > 500 feet, but < 1500 feet with visibility > 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.

available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when summary will, of course, be limited to period of available data. NOTE: # 1:

Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

TENTHS	01	നഷ	'n«	φο	10
					obscured)
OKTAS	01	ณ ๓	- 3 (C	101	8 (or

HOURS (ES T.)

TOTAL NUMBER OF OBSERVATIONS

0

155

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

BRUNSWICK, MAIN

0

0

0

0

0

0

CEILING VERSUS VISIBILITY

CEILING	10.						VISIL	VISIBILITY (STA	(STATUTE MILES)	ES)						
(FEET)	2	۰ ۸۱	N N	VI	es Al	> 2%	N Al	71 72	71 71	Ā	× Al	*	% Al	≥ 5/16	× Al	٥
NO CEILING	10.3	49.7		49.7	49.7	49.7		49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
2 2000	10.3		-					-			4	•				54.2
	10.3							-								54.2
≥ 16000	10.3	53.6		100				3								54.2
	10.3							3		3.						
≥ 12000	10.3	53.6		200				3								54.2
_	11.0	56.1								9						
> 9000	11.0	56.1	-					9		.9						56.8
	11.0	61.3					•	1.			1.					61.9
> 7000	11.0	61.9								li.						62.6
1	11.6	62.6						2.		2.	3.					63.2
> 2000	11.6	65.2					*	5	2	5						65.8
1	11.6						. 9									67.1
> 4000	11.6	69.0	-3	-				6								
> 3500								1.		1.						72.3
> 3000	12.3	. 35								4.						74.8
≥ 2500	12.3	75.5	75.5	75.5	75.5	75.5	75.5		76.1							76.8
				•				6		•						
V 1800	12.3									ċ						81.3
1		80.0						-		3						
7 1200		80.0						2								
- 1		100		•						5.						86.3
8 Al	- Barrie	81.3								3						86.3
	12.3	81.3		•						5.						87.1
70	12.3	81.3					3	:								87.1
		81.3		-												67.7
200	12.3	81.9														
	12.3	81.9				•	:									91.6

NAVWEASERVCOM

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0

CEILING VERSUS VISIBILITY

BRUNSHICK. MAIN

0.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LS.T.)

CEILING							VISI	VISIBILITY (STA	(STATUTE MILES)	(S)						
(FEET)	7 70	o Al	8	AI AI	AI	> 2%	7 Al	71 %	¥1	ŽĮ.	× Al	* Al	Z Al	≥ 5/16	VI %	2 0
NO CEILING		52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.9	52.	52.9
	11.0			36			3	1	6					:	57.	
≥ 16000		56.		56.	3	3	3	1	3	4				-	57,	
2 14000			-	5						:					88	58
			-	57.		1	7	-	-	1	0				58	28.
VI V	11.0	•	6	9	6	0		3		•				å.	9:	9:
10		9	3.	9	å.	å.	å.	1.	01	3.	-	-		1	6	
1111		20	3	70		0 00									3	3
1	1:			3	5	3	6		3						65.	65.
2 5000		65.		65.				-						-	67	6
> 4500	1.	67.	1.	67.											69	69
	-	69	3	69	à	3	à	3	0	0	•			-	-	1
> 3500	:	20.	ó	ė	-	-	-	-	-	-				-	=	=
	-	72.	2	72.		3	3		3	3				3	=	:
7 2500		7:	-	78.							•		•		2	2:
		79.	-	80	-	-	1	-	:	-	•		•	-	-	91.
VIV	12.3	0.0	ė.	<u>.</u>	•	i,	-	-		-	•			2 4	28	
		5 5	-	82		2 6			3 69	4					83	83.
141		81.		83.		3	-			-				-	87.	87.
8 AI		18	-	83.			5	3.	3	-			- 69	-	87	87
		81.	2	84.		3	3	-	-		-		•	6	80	8
N 78		81.	ä	40	'n		i	-	-				•		6	
		81.	2	-	5		:	-	-	6			-	-	6	84.
8	12.3	-	di	:	ė.		-		0	=	•		•.		92	
	12.3	81.9	~	. 40	•	•	:	0	0	-				2	.26	
88	12.3	0.0	ni c		87.		•	-i-	•		•		200	96.8	D 0	000
	12.2		30	-	-	•		: _			• 1		•		9	
3°	12.3	::		63	67.1	87.1				9			. •		96	

0

0

0

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

TOTAL NUMBER OF OBSERVATIONS

0

CEILING VERSUS VISIBILITY

ACY OF OCCURRENCE	COBSERVATIONS)
PERCENTAGE FREQUENCY	(FROM HOURLY

CEILING																
(FEET)	5 1	» Al	S) Al	4	es Al	2 2%	2 41	71 71	¥1 VI	-	% Al	*	Z AI	≥ 5/16	AI N	٨١
NO CEILING		-		1004		51.6	51.6	-		51.6		51.6	51,6	51.6	51.	
		9		å			3	å		4	200	20.	•	4	500	9
00081 4	6.7		26.1	56.1	56.8		56.8	50.8	56.8	56.8	56.	20:	36.8	56.8	80	26
		-		0			3	ò		9	50.	20.		3	56.	7
≥ 14000		80		. 9			9				36.	36.			36.	5
¥ 12000		-		-						58.1	58.	58.			58.	-
	6	-	E	6		-				0	-09	60.		-	60.	0
900			50.4		0						60	90		:	90	
		-		1				4			6.3	63	. 1	1	4.3	43
200	3 6			•		•		•	•			1	•			,
		90		•			•	4	•		. 60	6.50	•	2	000	1
38	•				•	•		•		:		5;		:		
		6				5	3	4		•	00	00		-	90	1
N 4500		-					;			-	67.	67.			67.	
		1			. 7	6	9.			.6	69.	69.		-	69.	-
100	11.0	0				1.	1.			1.	71.	71.			71.	
3000		•					3			;	74.	74.			74.	
> 2500		•				9					76.	76.			76.	
≥ 2000	11.0	•				.9					77.	77.			77.	
		6				9					77.	77.			77.	
> 1500	11.0	•				-					81.	81.			81.	
		-				-				-	81.	81.			81.	
N 1000	11.0	-				3				5.	85.	85.			85.	
98 41	11.0	-	80.7			. 4				. 9	86.	86.			86.	
77	11.0	-				,	4.		•	9	86.	86.			86.	
		-				3				7.	87.	87.			87.	8
8	11.0	-								:	87.	87.			87.	•
						9	3				89.	89.			89.	
8	11.0	-				9					89	89.			80	
						9				6	89.	.06			91.	0
7 200	11.0	-		83.2	85.2	86.5			89.0	90.3	92.	92.		96.1	96	96
8	11.0	-	81.3	83.2		. 9	. 9	88.4			92.	92.			10.300	97.
											-		ŀ	,		

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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0 Al

5703

VISIBILITY (STATUTE MILES)

7

1 2%

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٨١

۰ ۱۸

2 AI

(FEET)

NO CEILING

¥ 2000

VI VI 0009 0009

12000

9000

VI N 79.4 8 8 8 8 4 5 5 5 5 6 5 5 5 6 5 76.1 2 5/16 11414 Al 71.6 AI 71.6 71.6 Al 71.6 71.6 74.2 74.2 74.8 74.8 76.1 76.1 77.4 77.4 79.4 79.4 79.4 79.4 80.7 80.7 ۸۱ 83.9 84.5 74.8 75.5 74.8 75.5 76.8 75.5 76.8 77.6 78.1 78.7 78.1 78.7 883.2 7 7

81.9

80.0

19.4

76.8

80.0

80.7

1000

76.1

11.0

88

AIAI

88

AI AI

88

AIAI

88

MIM

80

AI AI

11.0

1200

AI AI

80.7

CEILING VERSUS VISIBILITY JAN 68

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

BRUNSWICK, MAINE

0

0

0

2000

9000

71.0

71.0

72.9

76.1

74.2

72.00

11.0

3200

11.0

2500

ALAI

1500

ALAI

11.0 71.0

1500

0

0

0

0

0

0

0

73.6

000

78.7

71.6 72.9 71.6 72.9 74.2 75.9 76.8 78.1 77.4 78.1 71.4 78.1

3000

AI AI

10.3 6.0

9.

1500

ALAI

0

2000

AI

≥ 5/16

٨I

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

BRUNSWICK, MAINE

(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES

Al

1

۰ ۸۱

(FEET)

0

NO CEILING

0

× 20000

VI VI 00081 00081

0

Y 1 400

900

0

200

0

72.9 0000 78.7 78:1 Al 0.27 0.62 0.02 11.000 X Al 64.5 64.5 65.8 65.0 70.3 70.3 70.3 70.3 72.3 72.3 73.6 73.6 75.5 75.5 75.5 76.1 76.1 78.1 78.1 ٨I 70.3 70.3 72.3 72.3 73.6 73.6 76.1 100000 ۸I ≥ 2% 8 8 8 8 72.3 79.4 80.7 ۸I 80.0 80.7

TOTAL NUMBER OF OBSERVATIONS

91.0

86.5

80.7

10.3

88

88

10.0

88

ALAI

0

0

80

AI AI

0

88

80.0

10.3

88

ALAI

10.3

1800

0

10.3

2500

CEILING VERSUS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

V C C C C C C C C C				TOTAL (STATOLE MILES)		6						
7. 4 50 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	A1	1 2%	1 A	¥1 ¥	71 7	Ā	* AI	*	% Al	≥ 5/16	% Al	0 1
15000 15	1.0 51.0 5	0 51.	1.0	1.	-	51.0	51.0	-	-	51.	51.	51.0
12000 120000 120000 120000 120000 120000 12000 12000 12000 1200	8.1 58.1 5	1 58.	8.1				-		58.1	58.	58.	58.1
12000 120000 12000 12000 12000 12000 12000 12000 12000 12000 120	9.4 59.4 5	4 59.	4.6		6					59.	39.	59.4
12000 8	9.4 59.4 5	4 59.	9.6		6		9.			59.	59.	59.4
12000 25	0.00 0.0	.09 0	0.0	0	0		0		0	•09	60.	60.0
2500 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1.9 61.9 6	9 61.	1.9		-	61.9	-	-	-	61.	61.	61.9
2500 2500	5.8 65.8 6	6 65.	8.8	5	5	3.	3	5	;	.99	66.	66.5
25000 66.00 72.00	7.1 67.1 6	1 67.	7.1	-		:	-	-	-	67.	67.	67.7
25000 68 4 4 10 6 10 10 10 10 10 10 10 10 10 10 10 10 10	9.0 69.0 6	.69 0	0.6				6			.69	69.	69.7
2500 2500	0.3 70.3 7	3 70.	0.3	0	0		0	0	.:	71.	71.	71.0
2500 2500	1.6 71.6 7	6 71.	9.1	-	-	-	-	-	2.	72.	72.	72.3
2500 80.4 72.9 73.00 12.00 90.0 74.1 77.4 77.4 77.4 77.4 77.4 77.4 77.4	72.3 72.3 7	3 72.	2.3	2	2	5	2.	2		72.	72.	72.9
2500 2500	73.6 7	6 74.	2	74.2	74.2	74.2		:	74.8	1	-	74.8
3500 9.0 76.1 77.4 73.4 1300 9.0 77.4 77.4 77.4 77.4 77.4 77.4 77.4 77	6.8 76.8 7	6 77.	7.4		-	:	1.	-		78.	78.	78.
2500 9-0 77-4 70-1 1500 9-0 77-4 70-1 1500 9-0 77-4 70-1 1500 9-0 77-4 70-1 1500 9-0 7	7.4 77.4 7	4 78.	8.1		8		8			18.	78.	78.7
2500 1800 1500 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9	8.1 78.1 7	7 79.	4.6				6		0	80.	80.	80.0
1300 1300	9.4 79.4 8	0 80.	7.0	0	0	0	0	0	-	81.	81.	81.3
1300 1300	80.0 60.08	7 81.	1.3	-	:		-	-	:	81.	81.	81.9
1200 1200 1200 1200 1200 1200 1200 1200	80.08 0.08	7 81.	1.3	-	-	-	:	-	-	81.	81.	81.9
1200 9-0 79-1 80-0 9-0 1000 9-0 9-0 100	80.0 80.0	7 81.	1.3	-	-		:	1.	-	81.	81.	81.9
200 000 000 000 000 000 000 000 000 000	80.08 0.08	9 82.	2.6	2.	3	2.	2	2:		83.	83.	83.2
200 9-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	81.3 81.3 8	2 83.	4.5		3	7.	1.	1:	1	87.	87.	87.7
200 4 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0	81.3 81.3 8	2 83.	4.5	;		-	7.	-		87.	1.	87.7
200 9-0 9-0 9-0 9-0 9-0 9-0 9-0 9-0 9-0 9	81.9 81.9 8	85.	8.8		2					89.	-	89.0
200 9-0 80-1 82-6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	81.9 81.9	88.		86.5	-			6		89.	89.	89.7
200 9.0 60.7 82.6 8 200 9.0 60.7 82.6 8 200 9.0 60.7 82.6 8 200 9.0 60.7 82.6 8 200 9.0 60.7 82.6 8 8 20.0 80.7 82.6 8 8 20.0 80.7 82.6 8 8 20.0 80.7 82.6 8 8 8 20.0 80.7 82.6 8 8 8 20.0 80.7 82.6 8 8 8 20.0 80.7 82.6 8 8 8 20.0 80.7 82.6 8 8 8 20.0 80.7 82.6 8 8 8 20.0 80.7 82.6 8 8 8 20.0 80.7 82.6 8 8 8 20.0 80.7 82.6 8 8 8 20.0 80.0 80.0 80.0 80.0 80.0 80.	82.6 82.6	86.	1:	1	88.4	6	6		0	90.	6	90.3
200 9.0 60.7 82.6 8 200 9.0 60.7 82.6 8 8 200 9.0 60.7 82.6 8 8 200 9.0 60.7 82.6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	82.6 82.6 8		7.			-	-	-		92.	•	92.3
200 9.0 80.7 82.6 8 100 9.0 80.7 82.6 8 8	82.6 82.6 8		:			2	3	2	2	92.	6	92.9
100 9.0 80.7 82.6 8	2.6 82.	. 8 86.5	87.1	60.3	92.3	94.8	95.5	95.5		97	98.1	98.1
100 9.0 80.7 82.6 8	2.6 82.6 8	0	87.1	0		:	5	3	90.	97.4	98.1	98:
	2.6 82.6	;	87.1			;	3		96.1	98.1	98.7	99.4
9.0 80.7 82.6 8	2.6 82.6 8	3		0			3	2	96.1	98.1		100.0

0

0

NAVWEASERVCOM

0

TOTAL NUMBER OF OBSERVATIONS

BRUNSHICK. MAIN

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

AI 91.0 2 5/16 X N 72.9 73.6 ٨I VISIBILITY (STATUTE MILES) 65.2 68.4 72.9 72.9 72.9 75.5 400000 400000 400000 7 44.000 K 61.9 63.2 68.4 68.4 72.9 88 881.99 87.18 87.11 83.2 4 82.6 1 ٨١ 10.3 10.3 10.3 2

NAVWEASERVCOM

BRUNSMICK, MAINE

0 0

12000

9000

8000 7000

9000

NO CEILING > 20000 VI VI 00091

(FEET)

0

4500

ALAI

3500

2500

AI AI

1500

AI AI

1200

ALAI

88

AIAI

88

ALAI

88

AIAI

88

AIAI

80

ALAI

0

0

0

BRUNSWICK, MAINE

0

0

0

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 HOURS (1 S.T.)

....

CEILING							VISIA	BILITY (ST.	VISIBILITY (STATUTE MILES	(\$)						
(FEET)	5	٨١	S AI	AI AI	N AI	2 2%	1 N	71 72	YI %1	ĀI	% Al	* 11	X X	5/16	% AI	0 2
NO CEILING		48		0	49.7	6		0	0	·	50.	:		50.	50.	50.3
≥ 20000		53		54.2	54.8	-		5		3	55.	2		55.	55.	55.5
		53.	3.	54.2	34.8	*		5			55.	5		55.	55.	55.5
2 16000		53			54.8				5	3	55.	2		55.	55.	55.5
		54.	-		36.1	.0		6.	. 9	6.	56.	9		56.	56.	56.8
> 12000		5	+		56.1	.0	.0		.9	9	56.	•		56.	56.	56.8
		56.		\$7.4	8	58.		58.7	58.7	8	58.	58.7		58.	58.	58.7
0006 AI		57	1	8		58.			6	6	59.		.66	59.	59.	59.4
1		9	0	0	-	61.		1.	-	-	61.	-	61.	61.	61.	61.9
1 7000		62.	2	63.2		63.					64.	;	64.	64.	64.	64.5
		63	3	*	3	65.		5.	5.	5.	65.	5	65.	65.	65.	65.8
2000		99				67.	:		8	8.	68		68.	68.	68.	68.4
1		1				69		0	0	•	70.	.0	70.	70.	70.	70.3
7 4000		7	-	7	2	72.	2		3.	3.	73.	3.	73.	73.	73.	73.6
		71.	:	2.	3.	73.	3.		. 4		74.		74.	74.	74.	74.2
3000		2		;		75.	3	9		. 9	76.		76.	76.	76.	76.1
≥ 2500	10.3	76.	7.			80.	0	-		-	81.	-		81.	81.	81.3
Taras I					3	82.	2		3		83.		83.	83.	83.	83.9
V 1800		76.	78.1	80.7	82.6	82.6	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
		77.	8	-		83.	3	5	2	3	85.	2	85.	85.	85.	85.2
× 1200		80.	81.			87.	-				88		88.	88	88	88.4
		80.	81.	*	-	87.	2		6	6	89.	6	89.	89.	89.	89.0
006 1		81.	82.			68		0	0		00	ė.	000	è	6	90.3
		81.	83.			89.	6	-	-	-	91.	-	91.	91.	91.	91.6
		81.	83.			89.		:	÷	-	91.	-	91.	91.	91.	91.6
009 AI	10.3	82.	83.		-	91.	:	3	3		93.	3	93.	93.	93.	93.6
> 500		82.	83.	8	2.	92.	3.	5.	5.	.9	96		96	96	96	96.8
2 400		82.	83.	88.4	2.	92.				-	97.	2	97.	97.	97.	97.4
N 300	10.3		83.	88.4		92.	;		•	-	97.	-	97.	86	86	98.1
		82.	83.	1.98	2	92.	:	6	1.96		-	:		*	96	98.1
VI	10.3	82.	83	88.4	3	92.	;	96.1	96.1		-	97.4	0		5	98.1
		•		4.8	•	92.	3	•	1.96	97.4	97.4	:			2	100

0

0

CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BRUNSWICK, MAINE

CEILING VERSUS VISIBILITY

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	01 11	AI	S AI	1	N AI	> 2%	12.2	Y 1%	¥1 Y1	- AI	AI	* AI	Z AI	2 5/16	AI	O AI
NO CEILING	9.6	50.8	51.5	51.6	51.	10		51.9		51.9	9 51.9	5	51.	51.	-	51.9
-			57.	+	58.	58.	-	+	8	+	58.	200	20	58.	٦	2000
00081	0.0	57.4		58.2	58.4	58	58.4	58.5	58.6	58.6	58	28	58	58.	7 58.7	58.7
		57.4	58.1		58.	28	8	4	8	•	50.	20.	20.	28.	200	*
≥ 14000	6.6	57.7	58.4	58.6	58.	58.				58.9	59.	59.	59.	59.	59.	59.0
		58.5	59.1	•	59.	59.			6		59.	59.	59.	59.	59.	-
≥ 10000		60.	61.	-	61.	61.	:	-	-		62.	62.	62.	62.	62.	
124	10.1	61.4	62.		62.	62.	2	2	2		62.	62.	62.	63.	63.	9
0008 ×	10.1	.,	9	65.0	65.	65.	65.4	65.6		65.7	65.	.59	.59	65.		
> 7000	10.1		66.		66.	66.			9		66.	66.	67.	67.	67.	9
1830		9	66.	.9	67.	67.	67.3	7.	7.	7.	67.	67.	67.	67.	67.	9
2 S000	10.2	67.	68.	68.7	69.	69	.6		.6		69.	69.	69.	.69	69.	•
	-		0		70.	70.	.0		0	-01	70.	10.	10.	71.	71.	
N 4000	10.3	71.1	71.9		72.	72.	72.7	3	3.	73.	73.	73.	73.	73.	-	73.4
> 3500		71.9	72.	72.9	73.	73.	3.		74.0	74.	74.	74.	. 46	74.	74.	74.3
		73.9	-		75.	75.	75.7	. 9	6.	76.	76.	76.	76.	76.	•	76.5
≥ 2500	10.8	75.9	77.		78.	78.	8	8.	8	79.	79.	19.	.64	79.	79.	79.2
121	10.8	77.0	-	78.9	79.	80.	0	0		80.	81.	81.	81.	81.	81.	
N 1800			78.3	•	79.	.08	0	0		81.	81.	81.	81.	81.	8	
200	0	78.4	79.7	0.	81.	82.	2	2.	3	82.	83.	83.	83.	83.	83.	
N 1200			1	81.2	82.	83.	83.2	83.6		84.	•	84.	84.	84.	00	84.4
	10.8	79.		2	83.	84.		2	5	86.	86.	86.	86.	86.	86.	
8 Al	10.8	79.7	_		84.4	;			86.4	•	87.	87.	87.	87.	•	87.5
		79.	-		84	3.	3		87.1	7	88.	88.	88.	88.	8	88.5
700		80.		83.2	85.			-	-	88.2	88.	88.	89.	89.	00	89.2
009	10.8	80.		3.	85.	6.	86.5	1	8	6	89.	89.	89.	90.	0	90.2
> 300		80.2			80	6.	87.5		8.68	1.	91.	.16	92.	92.		92.4
1 400	å	80.			86.	2	87.8		0	91.9	92.	93.	93.	93.	0	93.7
300		-	82.3	84.0	86.	87.3	88.2	0	:	3	94.	. 46	95.	96	0	96.1
1 200	10.8	80.3	82.3	84.0	86.7	87.3	88.2	0	91.1		94.			97.	0	97.9
92		80.3		84.0	•	87.3		90.06	91.1	•	0	95.4		97.6	1 98.1	98.6
٨١	10.8			84.0		87.3	88.2	0	91.1	3	94.			6 97.		100.0

NAVWEASERVCOM

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5703 CEILING VERSUS VISIBILITY JAN 68

BRUNSWICK, MAINE

CEILING VERSUS VISIBILITY

日本な

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

0

0

HOURS (L'S.T.)

5703

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BRUNSWICK, MAINE

CEILING	1						VISI	VISIBILITY (STATUTE MILES)	ATUTE MILI	is)						
(FEET)	N 2	9 11	\$ 2	4 1	e Al	≥ 2%	1 2	%1 X	71 7	- AI	% Al	* 1	X XI	≥ 5/16	NI NI	٨١
NO CEILING	9.2	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
V 18000			1	200	84.6	-	1	4	24.0	200		54.6	34.6	54.6	26.6	24.4
2 16000		54.	34.6	54.6	54.6		54.6				54.6	54.6	54.6	54.0	54.0	54.6
≥ 14000		54.	*	54.6	54.6	54.6		54.0	54.6	54.6		54.6	54.6	54.6	54.6	54.6
	6.0	56.	.0	56.0				56.0	56.0	56.0		56.0	56.0	56.0	56.0	56.0
V 10000		61.	61.0	61.0	61.0	-	-	61.0	61.0	61.0	61.0	61.0		61.0	61.0	61.0
		61.	4	61.7	61.7	61.7		61.7		4		61.7	61.7	3		61.7
0008 AI		99	66.7	66.7		66.7		6	66.7	66.7	66.7		66.7	66.7	66.7	
		.99	66.7	66.7			5607			66.7	66.7	66.7		66.7		66.7
0009 X		67.		67.4	-	-	-	67.4	-			68.1		68.1		
		70.	70.2	70.2		0			70.2	70.9	70.9			70.9	70.9	70.9
¥ 4500			71.6	72.3	72.3			72.3	72.3		73.1	73.1	73.1	73.1	3.	73.1
		74.	74.5	75.2	-	3	75.2	73.2	75.2	75.9		2	75.9		75.9	75.9
> 3500			75.9	77.3			-	-	-			78.0			78.0	Depart.
			78.7		•	d	80.9		80.9			-	81.6	3	-	81.6
2 2500			80.1	82.3	82.3	82.3		82.3		83.0	83.0	83.0		83.0	83.0	83.0
				3.	3	3		3	3.							
1800		80.		83.0	83.0	83.0	83.0	83.0	83.0		83.7	83.7		3.	83.7	83.7
		80.		83.0		3	3	3		84.4		84.4		84.4		84.4
1200		80.9		84.4		85.1	85.1	85.1	85.1	85.8	85.8	85.8	85.8	3	85.8	85.8
		81.	3	85.8	86.5	.0		86.5		87.2		-	•			87.2
8		81.	82.3	85.8	86.5	86.5		86.5	86.5		87.2	87.2	87.2	87.2	87.2	87.2
		81.6		85.8	•	-	~	87.9	•	4.68		89.4	89.4	•		89.4
700	9.2	91.6		83.8	87.2	87.2	-	87.9	87.9	ò	90.06	90.0	90.8		90.8	9006
8		81.6		83.8	67.2	7	87.2	88.7	88.7		-	91.5		-	91.5	91.5
200	9.2		82.3	82.8	87.2	7	87.2		88.7	90.06	92.2	92.2	92.2	92.2		92.2
		81.6		85.8	87.9	87.9	87.9	90.1	90.1	2.		93.6		3.	93.6	93.6
38	9.2	:		85.8	87.9	87.9	88.7	92.2		84.3	95.7		95.7		95.7	95.7
		81.6		3	87.9		00		92.2					96.5		96.3
89	9.2	81.6	82.3		87.9	-	88.7	92.2	92.2	94.3	96.5	96.9	96.5	96.5	96.5	97.9
-		81.6		85.8	87.9	87.9	88.7		•		•			96.3		100.0

0

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NONTH OT HOURS (LS.T.)

E ()

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
	2	o Al	8 41	1	e Al	2 2%	N Al	×1 ×1	71 71	-	% Al	* 1	Z AI	≥ 5/16	N AI	0 1
NO CEILING		.1.	44.7	46.7	44.7	44.7	4:0.7		44.7	44.7	44.7	:	44.7		44.7	
≥ 20000		48.	51.1	51.1	\$1.1	51.1	51.1	-	51.8	51.0	51.8	-	51.8	3	51.8	31.8
00081 X	8.5	48.	31.1	51.1	91.1	51.1	51.1	-	51.8	51.8	51.8	51.8		51.8	51.8	51.8
≥ 14000		48.	51.1	51.1	51.1	51.1	51.1	-	51.8	51.8	51.8	-		-	51.8	51.8
		48.			51.1	-		1.		51.8		:		1.		
> 12000		49.			53.2		53.2			53.9				-		53.9
		54.				8			59.6					6	59.6	59.6
0006 AI		55.					59.6	0	0	6003		0		0		60.3
		.65						;	;	;	;	;				
2 7000		59.		63.8						;	;	;			64.5	64.5
		909		:			64.5		5			3.		3	5	65.3
2000		63.														
		66.		0		0	0	0	0	0	0		0	0	0	
141	10.	68.								-		-			73.8	73.8
		69		3				:		:		;		*	:	
3000	000	72.		-	77.3										78.0	78.0
2 2500		73.		78.7	79.4	79.4	0	80.9	80.9		0	0			0	
≥ 2000		75.			81.6	1:				83.0		3		3.		83.0
≥ 1800		75.		.0	81.6		82.3			3.		3.		3	83.0	
≥ 1500		75.			81.6	-				83.7						83.7
1200		75.						3		3						
1000		75.		-	83.0	83.0			9							
00 AI		75.		82.3	83.7	83.7	85.8	87.2	88.7	88.7	88.7				88.7	88.7
		76.			84.4	84.4	.0		6	6		6		6	6	
		76.		83.0	84.4			88.7		0	0	0			0	
009 1		76.		83.7	85.1		7.	89.4	0	0	-	-		-	1:	91.3
2 500		76.			85.1	85.1	87.2		91.5			2.			2.	
N 400		76.		83.7	85.1					92.2	•	3		3		
300	8.5	76.6	80.9	83.7	85.1	85.1	87.2	90.1	91.5	3:	93.6	95.0	95.0		95.0	95.0
		76.		83.7	85.1	85.1	87.2	0	91.5	92.2	•	3			•	
VI 81		76.		83.7	85.1	83.1	87.2		91.5	92.2	•	93.7		97.2	97.2	
1		76.		83.7	95.1	85.1	87.2		91.5	77.0	93.6	95.7			97.2	100.0

TOTAL NUMBER OF OBSERVATIONS

0

141

400

NAVWEASERVCOM

YEARS

TOTAL NUMBER OF OBSERVATIONS

	O AI		58.2	58.2	500	65.3	66.0		70.2	72.3	73.8	75.9	75.9	70.7	82.9		83.7	86.3	89.4	40		93.6		95.7	97.9	98.0
	AI X	48.9	58.2	58.2	61.0	65.3	0000	68.8	70.2	72.3	73.8	75.9	75.9		2		83.7	86.5	89.4	40		93.6	95.0	95.7	97.9	
	> 5/16	48.9	58.2	58.2	58.0	65.3	66.0	8.0			73.8		75.9	18.7	62.0	83.0	83.7	86.5			91.6	93.6		95.7	97.9	97.9
	% %	4 E	58.2	58.2	900	. •,	0000	9 0	70.2		73.8		150		,,	83.0	3	86.5		•	3	92.9	4	3	97.2	97.2
	*	0.0	58.2	58.2	61.0			000		72.3			75.2		0 0	82.3	83.0	85.8	87.9	***	900	92.2	93.6	94.3	95.7	95.7
	* 11	0.0	58.2	58.2	58.4	65.3	0000	9	70.2	72.3	73.1	75.2	75.2		81.0	82.3	83.0	3	-	-0		2				95.0
(S) (S)	Ā	6.8	58.2	58.2	58.9	65.3	66.0	68.0		72.3	73.1	3	75.2		:	82.3		85.8		0.70		92.2		94.3	3.	95.0
TIONS	71	9.0	58.2	58.2	58.9	65.3	+	68.0		72.3	73.1		75.2			82.3		85.8	87.9	0.0	80.0		92.2		93.6	93.6
OBSERVATIONS) VISIBILITY (STATUTE MILES	VI %	9.8	58.2	58.2	50.0	65.3	9			72.3	73.1	75.2	75.2			82.3		85.8	-		6	90.8	2	92.9	92.9	92.9
	2 4	6.84	58.2	58.2	28.0	65.3	0009	8.0	70.2	72.3	73.1	75.2	75.2	:	90.0	31.6		84.4	3	200	3	87.2	87.9	88.7		88.7
HOURLY	1 2%	9.84	58.5	58.2	58.0	65.3	0	200		72.3	3.	3	5	-	000		81.6	84.4	85.1	200		86.5	-	87.2	87.2	
(FROM	es VI	9.8	58.5	8	500	64.5		68.1	69.5	71.6	72.3		74.5	•	000		0			11		86.4	5	85.1	85.1	85.1
	7	48.2	57.5	7.	58.5		64.5	4.10	68.8	70.9	71.6		73.8		40.0	10.4		81.6	-	91.0	0 0	82.3		83.0		83.0
	80	48.2	57.5	57.5	58.5	63.8	66.5	1.99	68.1	70.2	10.9	73.1	73.1	74.5	11.00	77.3	77.3	78.7	78.7	100	78.7	78.7	79.4	19.4	79.4	19.4
	o Al	47.3	56.7	56.7	22.0	63.1	63.8	0.99	67.6	68.8	69.5	71.6	71.6	73.1	15.0	75.9	73.9	76.6	76.6	10.0	76.0	76.6	77.3	77.3	77.3	77.3
(Sec.)	5		9.6																							

NAVWEASERVEOM

BRUNSHICKS MAINE

NO CEILING

VI VI 00081 00091 00091

Y 1400

(FEET)

(



ALAI

TOTAL NUMBER OF OBSERVATIONS

	E
MAINE	STATION
MA	
CK	
BRUNSWICK	
RUN	
00	

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-

CELLING							VISI	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	5	9	S) Al	VI	es Al	2 2%	AI AI	×1 ×	71 7	-	% AI	*	Z AI	≥ 5/16	AI N	٨١
NO CEILING			41.1	50.4	41.1		-	-10	41.1		-0		-10		41.	
VI V				0	0	0	0	00	00	0	00	00	0	00	000	
				51.8	51.8		51.8			51.8			19		53.	
VI VI 0000 0000 0000 0000				ec ec		e e		00	00	00	00	00	0.0	66	59.	
VIVI 2000 7000							9 9	¿-	30	i.	90	95	10	÷	67.	
0009 AI AI				- 0	- 6	- 0	- 0		. 0						20.0	
VIVI 4500 4000				0 0	OM	0 0	00		-6	- 10	-6				7.5	22
3200				mo		60	60	30	40	* 0	+0	40	40	+0	74.	40
17 17 2000				- 2	- 2	- 2		20	200	NA	200	NM	NE	200	82.	83
1800				2.4	2 4	2 4	25		20	3	2 3		m 5		83.	83
	9.2	81.6	83.0	85.1	85.1	85.1	85.8	87.9	87.9	89.4	89.4	0.0	89.4	87.	87.	897.
8 8 AI AI						00	- 00	:-	6.	::	·-	0-	-	00	920	
N N								- 2	- 2	- 2	- 2	- 2	20	. 4	94.	
VIVI 400					::			* "	* 50	* "	* 5	**	200		96	
38			84.4						2	50	50		4.	- 00	97.	701
8°	9.2		84.4	-:-				2.5	200					66	99.	20

0

HOURS (PS. T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS

AI	:	51	51	51	51	5	56	86	19	65	99	69	69	72	73	76	79	81	8	83	8	87	8	8	92	95	95	97	2	96	00
7,		8			60	0	0	0	-		0	5		-	7.	9	*	0		0	7	7		8	N	0	0	.2	9.		.01
Al	*	51	51	51	51	53	56	56	9	65	99	69	69	72	73	76	7	81	5	83	85	87	88	90	92	95	93	97	6	86	00
9/16		8		8	8	0	0	0	-	-	0	5			7			9	•		-	7			N						
18	*	51	5	51	51	53	56	56	19	69	99	69	69	72	73	76	79	81	8	83	83	87	8	8	92	95	95	97	98	98	00
2	F.	8	8	80	8	0	0	0	-		0				7	9	*	0		0	7	5	5	7			~		•	0	0
AI	:	3	31	51	51	53	36	36	19	65	99	69	69	72	73	76	19	81	5	83	82	86	87	90	5	96	40	96	97	97	6.0
		8	0			0	0	0	-		0			10	7.	0	*	0	0	0	-	5		-					-	'n	
*	*	31	5	51	51	23	56	56	19	65	99	69	69	72	73	76	13	81	8	83	82	86	81	8	00	6	6	93	96	96	40
	-	8	8	00	8	0	0	0	-	-	0	-	1	•		0	-	_		0	-	30	0	-	8	0	0	-	-	-	-
% Al	*	3	51	51	51	53	56	56	19	65	99	69	69	72	73.	76	10	81	81	83	85	86	87	06	06	63	63	95	6	95	90
	-	-		-	0	0	0	C	-	•	0	K	-	m	-	0	3	0	0	0	-	8	N		-	•	0	•	0	-	
VI	*	3	3	51	51	53		56		65	99	69	69	72		76	19		81		85		87		06			16	36		70
,	1	9	-	8		0	C	0	-		0		5	-	7	9	4	0	0	9	-	-	10	~	0	-	7	•		8	a
7	*	3	5	5.1		53	56.	96		65	99	69	69	72	73	76	4	81	81		82	85	86	87	87	90	06	90	0	90	
4	1	8		-	8	0	0	0	-	3	0	15	5	*	-	•	*	0	•	0	*		80	2	~	*	*	-	-	-	-
VI Ž	*	3	31	51	51	63	95	90	19	65	99	69	69	72	73	76	10	81	18	83	*	9 4	82	98	87	68	8	90	0	8	0
8		4	8	00	89	0	0	2 6	-	2	0	8			1.		*	9	•		0	0						80	0	8	0
AI	4	3	5	51	51	5	56	3		65		69	69	72	73	76	79	81	81	82	83		83	83	83	85	8	85	85		
21/2				8	8	0	0	0	-	.3		. 5		3		0		0		•	0	0		-	F.	-	7	-:	-:	-	-
VI	*	5	3	3	51	53	56	56		65	99	69	69	72	73	76	79	81	81	82	63	83	83		83		85		85		RE
6	.7	-	*		. 8	0		9			•	.5			7.						0	•	1.	-		-	7	-	7	-	-
ΛI	3	5	51	51	51	53	56	5	19	65	99	69	69	72	73	76	19	8	81	82	83	83	83		83		8		83		8
		8		. 8		6								.3				-													-
Al	4	-	2	5	31	5	56	56		65	99	69	69	72	73	76	78	80	80	80	81		82	82	82	83	83	83	83	83	2
5	1.		*	.8	.8	0		0		. 5								*	*												-
Al	+	3	3	51	51	53	56	56	9	64	63	68	68	71	72.	7	78	79	7	80	80	80	80	80	80	82	82	82	82	82	83
•	0		-	-	-						5		*	. 2				0					*		*		*		*		1
Al	-	5	51	5	5	100	5	1 20		69	*	67	67	70	70	74	76	78	78	78	78.	78	79	79	73	79	79	79	79	79	76
9	*	8			. 8	-			.5	.5	.5		.5	2	1.2	1.2		2	.2	2.	.2	-2	.2	1.2	.2		.2	.2	.2	2	
	0	-		-	-	100		-	100	-	00	200	4000				APPEND .	-	-	45.00	22.00	-	444	-	-	400	220		-		0

BRUNSWICKS MAINE

NO CEILING

CEILING (FEET)

VI VI 18000 16000

Y 1400

VI VI 000 000 000

VIVI 7000

9 00 AI AI

80

88

3000

2000

VI VI 000 1500

1000

88

88

88

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Al

Al

V AI

2

(FEET)

NO CEILING × 20000

0

VI VI 00091 00091

0

12000

9000

AI AI

0

7000

0

9000

4500

ALAI

3500

VISIBILITY (STATUTE MILES)

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

141

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

BRUNSHICK. MAIN

900

2500

ALAI

1500

AI AI

900

ALAI

88

AI AI

88

ALAI

88

AIAI

88

AIAI

80

ALAI

0 0 0 0 0

0

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

	NOH.
T3-77 YEARS	PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)
MA NE	
LINSHICK, MAINE	
3	

CEILING																
(FEET)	2 1	٥ ٨١	8	VI VI	AI	2 2%	Ä	۲۱ ۲۱	VI 2/2	Ā	* AI	* 1	Z Al	≥ 5/16	AI N	٨١
NO CEILING		55.3	1100	55.	3 55.		1 55.	3 55.3	-		55.	55.	2.3	55.	56.	
> 20000			-	86.	7 86.		-	86.	*		56.	56.	56.	56.	\$7.	5 87
N 18000	6.6	57.5	57.5	3	5 57	5 57.	5 57.	5 57.5	57.5	57.5	57.5	57.9	57.	5 57.	5 58.	2 50
0000				37.	5 57		5	57.	2		57.	37.	57.	57.	58.	2 58
2 14000				57.	5 57.		-	57.	-		57.	57.	57.	57.	58.	2 58
≥ 12000	6.6		100	58.	2 58.		2	> 58.2	~		58.	58.	58.	58.	58.	3
	100		1000	61.	7 62.		9		62.4		62.	62.	62.	62.	63.	1 63
> 2000	9.9			51.	7 62.		9	4 62.4			9	62.4		62.		69
170	4.		63.	63.	8 64.		5 64.	9			-		. 49		9	
> 2000	100		66.	-99	9	6 67.	9	4 67.4	67.4				67.	67.		1 66
	10.6		99		67.	67.	9	67.	67.		67.	.78	67.	67.		0
> 2000			68.	68.	69.	69	•	69	69.		69	69	69	69		70
	10.6	11.6		71.		2.	7	3 72.3	1	2.	us :	3 4	72.	72.	Suit S	1 73
0007 A		14.7	73.	73.	73.	73.	7	73.	73.		73.	73.	73.	73.		1
> 3500			75.	73.	75.	75.	4	75.	75.		75.	75.	75.	75.		17 8
> 3000		-	77.	77.	78.		7	78.	78.		78.	78.	78.	78.		-
> 2500	10.6		80.	80.	81.	81.	8	81.	81.		81.	.18	.18	81.		3 83
			82.	82.	83.	83.	8		83.		83.	83.	83.	83.		7 84
≥ 1800			82.	82.	83.		8	83.	00		83.	83.	83.	83.		7 84
1500			- F2547	63.	84.	84.	8	•	85.		85.	85.	85.	85.		8
≥ 1200				84.			8	86.	86.		86.	86.	86.	86.		2 87
		-		85.			80		87.		87.	87.	87.	87.		
96 AI	10.6			85.	8 87.		2 87.	. 88			88.	88.	88.	88.		06 3
		83.7		85.	8 87.	1.	•	88.	88.	•	88.	. 88	88.	88.		0
				65.	8 87.		0		89.		89.	89.	89.	89.		•
99 1				85.	8 87.	-	8	90.	90.		90.	90.	90.	90.		
		3		85.	8 87.	87.	0	90.	90.		90.	90.	90.	90.		0
2 400	10.6	3.		85.	8 87.9	88.	80	91.	91.	2.	92.	92.	92.	92.		
30	10.6		95.	88.	8 87.	9 88.	7 89.	4 91.5	0	92.9	6.26	93.		93.	. 96 9	3 6 €
% AI	10.6	83.7	85.	15.	8 87.	•	80	91.	92.		93.			95.		
8				85.	8 87.	9 88.	1 80.		92					98		6 98
													•			•

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5703 CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

BRUNSWICK, MAINE

NO CEILING

0

0

VI VI 00081 00081

Y 1400

9000

0

2000

0

0

9000

4500

3500

0

2500

2 5/16 86.2 Al Al % IA ٨١ VISIBILITY (STATUTE MILES) 83.1 81.7 7 7 ٨I 75.1 AI 2 2% 74.9 78.6 85.0 92.6 86.2 82.5 ۸I 74.0 74.7 79.4 80.7 81.8 Al 74.0 70.6 11 73.0 81.1 65.5 ٨١ 0000 9.5 MM 4 4 4 4 4 4 4 2

1500

1200

0

0

88

88

88

TOTAL NUMBER OF OBSERVATIONS

0

NAVWEASERVCOM

80

(3)

HOURS (C'S T.)

١	-	0	O	0
•				

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

		m	0	•	0		0	4	-	-	20-1	•	23	8	-	0	-	_	-	-	0	503	J	0	04	21	N	-	_	0	O		a
	0	0	2	2.	2.	2.	3.	-		0	-	5		3	1	:	3	. 9			d	:	2	2	3.	;	3		-		3	:	d
	Al	2	8		2	5	~	-	~	•		•		0	0	-	-	-	-	-	-			•	8	0	80					0	9
	7,									0			-					.8				0			90	7	6	2	8		-	9	9
	Al			52		52		5		3		5	63	65	99	69	7.	7	76	7	78	80	8	8		83				87		6	93
	•	-	~	m	m	m	5	00	4	0	m	0	0	N	-	-	~	80	60	4	-	0	200	100	3	N	0	N	8	-	-	•	0
	5/16						12.		57.			=						74.		-	8	80.								7		2	
	A)			80			-					0			9									8		8		00				9	9
	Z																							-	•				3			3	•
	Al	*	3		2		~	ě	5	õ	•	5	0	•	ō	0	ř	-	-	-	-	80	8	•			8	•		•	100	0	200
	*																																-
	Al	4	51	51	51	15	52	56	56	59	9	5	63	3	69	69	73	74	16	20	2	2	8	80	8	82	83	*	85	88	83	89	8
		0	0	0	0	0	m	-	0	*	~	m	N	5	10	0	0	~	-	00	-	4	-	-	0	0	~	n	2	0	-	-	-
	X Al	0								29		-	3	4	2	6	3	*	0	0	8	10	0	80.				84.	5	2	-	-	7
			TO		600							-			100		- Sun													N	_	_	
	-																										-	:	•	5	-	:	-
ES	Al	*		2			5			5		•			9	•	1	1	-	-	-	-		8		0		80	80	8	0	8	8
¥	7.1	0	.6	.6	.6	.6	. 3		. 8	*	.7	.3						.2								6.	• 6	.2	. 2			.5	
7	VI.	64		51	51		52	56	56	56	60	3		30		69	73	74	76	20	7	78	80	80			82	83	200	83	8	8	8
VISIBILITY (STATUTE MILES)		0	9	•	9	0	100	-	30	4	~	m,	~	10	8	0	0	~	-		3	-	0	0	10	0	0	~	~	0	2	10	2
LI .	71 7	6	3	-	3	31.	32	9	9	29	9	61.	2	*	2	6	13	*	0	18	-	78.	0	80.		81.		3	3	83		84.	2000
ISIBI										4								-		450								9	2		2		
>	7			•			2.			6					5.													2				3	3
	ΛI		5		2		2			10		•		0				4	-	~	-	78	80	00	8	8		00		80	8	00	80
	21/2																	9.												.7			
	AI	48				51					60	9			65	68		73		70		78	2			80		80		80	1	8	8
		*	q	0	q	0	0	5	-	-	9	~	•	0	7	4	0	9	5	-	8	7	-	*	0	~	-	~	-	-	-	m	~
	Al	8			51		51	53	56	58	ò	9		69		99	72.	73.	2	0	2	78	2	20	9	80	9	80		80		5	3
		7										-			2		6		50						0	0		0			2		
	*											.00		1	- 2.23	335	13/1/22	3.	3.	1	1000		162							80.			
	^"	*				1.39				2.00	-		100			100						2.41	1			0	00		8	•	0	0	00
	8																									:			•	-	-	:	7
	Al	+	4	64	49	64	50	34	54	2	58	59	9	9	9	6	2	72	7	74	75	2	2	-	78	2	78	7	7	78	78	2	78
		-	-	-	-		•	2	0	*	-	4	~	•	0	7	0	9	0	N		-			-	*		*			4	*	•
	۸۱	1	0	64	6	64	50.	54	2	57	88	59.4	3	29	63	29	71	1	2	10	2	10	2	10	1	1	1	11	1	1	1	1	1
				3			-	60			-	m			100	_		0	1		-		-	0		0		0		_	0		0
	2			2.			2.	2	2	2	7	2	2	2	2.	2	2.	2.	2	2	2	5		3		3				2	2.	3	3
	۸۱			1			-	-		-		-	-	-	-	-	1	1	-	-	-	-	-	~		-		-	-	-	-	-	1
0	_	S	8	8	8	2	8	2	2	2	2	2	2	2	2	2	2	9	2	2	8	2	2	2	2	2	2	88	8	2	8	8	
CEILING	FEET		20000	180	16000	14000	120	10000	ğ	8000	8	900	8	4500	4	3500	30	2500	2	180	2	1200	2	8	~	8	3	8	*	8	7	=	
0	-	Q	AI	Al	AI	٨١	٨١	Al	٨١	Al	٨١	Al	٨١	Al	۸I	Al	۸ı	Al	٨١	٨I	٨١	Al	٨١	Al	٨١	٨I	٨١	Al	٨١	Al	Al	Al	٨١

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BRUNSHICK, MAINE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LS.T.)

CEILING							VISI	VISIBILITY (STATUTE	ATUTE MILES)	ES						
(FEET)	2	AI AI	AI N	1	N AI	> 2%	7	¥1 ¥	V1 V	- AI	* AI	*	AI X	≥ 5/16	N NI	AI
	-		52.3	2	2.	2.	2	2.		2.	52.		52.	52.	2	52.
> 20000			54.2	54.2	54.2			84.8		54.8	54.		54.	54.		54.
≥ 18000	12.3		54.2		;		54.8	;		:	54.		54,	54.	4.	34.
			54.2			4.					54.		54.	54.		54.
≥ 14000			54.8		*	*	3	5		5.	55.		.55	55.	3.	
≥ 12000			55.5		3.	3					56.		56.	56.		
			57.4		7.	7.	8.	8		8.	58.		.88	58.	8.	
> 8000	12.3		57.4		7	1	8				58.		58.	58.		58.
> 8000		61.	61.9	6119		:	2			•	63.		63.	63.	3.	
0.00	12.3	65.	65.8		3	5.	•	0			67.		67.	67.	-	
		65.	•			.0	7.	7		7.	67.		67.	67.	7.	
N 2000		67.				-					.69		69	69	6	
- 0		69.				6	.0			1.	114		114	71.	1.	
0004		70.				-	:	-		2	72.		72.	72.	2.	
		71.	•				2.	2.			72.		72.	72.	2.	72.
> 3000		72.				+				5	75.		75.	75.	5	75.
≥ 2500		74.	5.57	76.1			.9			-	17.		11.	77.	1.	
0.01		74.					7				78.		78.	78.		
N 1800	12.3	74.		77.4	77.4						78.		78.	78.	8	78.
		74.								6	79.		79.	79.	6	
Y 1200	12.3	75.5	76.8	78.1	78.1	78.1	19:4	10.4	19.4	80.0	80.	80.0	80.	80.0	0	80.
-							å	0		-	81.		81.	81.	-	
8 Al	12.3			19.4		19.4	ò	-		-	81.		81.	81.	-	
	•	76.8				6	à	-		-	81.		81.	81.	-	
W 70	12.3		78.1	79.4	80.7		-		2.		83.		83.	83.		83.
	2	76.8			0	0	:				84.		84.	84.	*	
905 AI	12.3	76.8	78.1		81.3		5				87.		87.	87.	-	
	2.				-	-	-	3	5	-	88.		.88	88.		
300	12.3	76.8	78.1	80.0	81.9	81.9		3		87.7			89.	89.		89
		76.	78.1		-	-		5	3	100		ò	91.	91.	-	
VI .	12.3	20	78.1	80.0	81.9	81.9	83.9	85.8	85.8	88.4	90.3	90.3	92.3	93.6	93.0	98
			78.1	•	81.9	-	3.	3		88.4		ò	92.	93.	3	100.

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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

BRUNS LCK. MAINE

(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

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7 1%

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2 2%

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CEILING (FEET)

NO CEILING

VIV 18000 16000 ¥ 20000

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2000

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2000

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≥ 5/16

66.5 66.5

65.8 65.8

65.8

11.6 61.9 64.5

4500

3000

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2500

AI AI

1800

AI AI

1200

ALAI

88

AI AI

88

AI AI

88

ALAI

6

68.4 72.3 75.5 76.1

7.1.7

76.1

76.1

75.5 75.5

78.1 78.7

77.4

80

AI AI

88

AIAI

BRUNSHICK, MAIN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FE)	2	9 11	87	AI AI	N AI	> 2%	7 1	¥1 Y	¥1 Y	- AI	X AI	* 1	× AI	≥ 5/16	N AI	0 11
NO CEILING	12.3	40.7	40.7	40	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	4 4	41.3	
00091 1	No		1.1.	1:1:	48.4		48.4		4.84		48.4		0 0	4 4	**	48
	12.9	19.7			0 -	51.0	51.0	0 -	6-		6-		51.	51.	49.	
2 10000 2 2 9000	12.9		53.6	53.6			54.2					::	3.5	54.	54.	54.
2 8000 2 7000	-				• 4		58.7	. 0					58.	58.	58.	
0000		58.7		59.4	3:	6-	60.0	6-			0-1	6:	F 5	60.	60.	
000 1 × 1 × 1	13.6				~	20	20				200	NE	63.	63.	63.	• •
3300	-	64.8	50		no	50	no	20	65.8		50	50	70.	70.	91	92
7 2000	66			7.	24	24	24		4 3	m 4	*		73.	73.	73.	7
71 Y1 V1			24	2.	**	4 0	* 0	: 6					74.	74.	74.	7
	-	73.6	400	76.8	000	98		-0.	40.0		4.7.4	40.0	80.	80.		
		. 2. 2.	000			00-		82.0	2	2	3-1-	1-12	8 8	83.	8 8	0 00 00
8 88	13.6	76.1		0000	82.6	83.0	882		8 8 8 4 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	84.8	84.5	84.5			85.8	93.
388		76.1	00 00				83.9	87.1	7.	00			93.	95.	00	95.
80		76.1	78.7	80.0	82.6	83.2	83.9	87.1	87.7	90.3	91.0	1:	94.2	98.	98.1	1000

TOTAL NUMBER OF OBSERVATIONS

155

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NAVWEASERVCOM

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	9 11	N AI	4	8 AI	2 2%	7 1	¥1 Y1	¥1 Y1	Ā	≱ Al	* AI	S. VI	≥ 5/16	NI NI	0 11
NO CEILING		36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
18000 14000	1		8 4	46.5	46.5						40.0	46.9		9 9	9.0	.00
17000		45.8	40.00			50.5	40.00	50.5		50.3	50.5	50.3	50.05	40		46.5
1 VI		52.3		52.9					2 19			52.9		52.		53.6
VIVI 7000	12.3	57.4	58.7	59.4	58.1	80		59.4	8 6			59.4	59.1	8		58.1
0009	12.3	58.7	58.7	59.4		• •		59.4	59.4	9.	59.4	59.4	59.4	59.4	59.4	59.4
V V 4500		62.6		63.2	63.2	5.0		6.5					63.2		63.2	63.2
3300	k		74.8	7.	67.1	67.1	7.	67.1	7.		2.2		5.		2.8	67.1
Y 2500		78.5	98	. 6				96	00		76.8	76.8		76.8		76.8
VI VI 0081 0081		78.			66	00	66			19.4		19.4	. 0		80.0	80.0
		888	80.7	81.9	81.9	81.9		20.00	8 3 . 9 . 9		85.00		83.9	63.9		83.9
8 8		600		83.9				8.89	in 00	88.4		50			89.0	85.8
	12.9		82.6	85.2	85.2	2.5	87.5	91.0	91.6	6	92.3	92.3	0 24		- 6 4	93.6
88		80.		85.2	85.8	87.1		91.0		92.9	95.5	**	97.4			98.1
VI VI 8 o		80.		85.2	85.8	87.1	87.1	91.0	92.3	92.9	95.5	95.5	97.4	98.1	99.4	100.0

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TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BRUNSWICK, MAINE

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HOURS (LS T.)

81.9 ٨١ ۸۱ 80.0 982.0 2 5/16 80.0 82.6 82.6 82.6 82.6 82.6 82.6 82.5 84.5 84.5 84.5 84.5 A 58.1 58.1 ٨١ 63.8 77.4 77.4 55.5 % Al 58.1 58.1 _ ^I VISIBILITY (STATUTE MILES) 77.4 90.3 74.8 82.6 82.6 ¥ = 1 7 1% 74.5 81.9 76.8 10.4 81.9 61.3 55.5 ۲ ۸۱ 81.9 2 21/2 81.9 81.3 61.3 79.4 53.6 49.0 58.1 79.4 81.9 55.5 65.8 74.2 81.9 16.8 80.7 85.8 85.8 ۳ ۸۱ 73.6 80.7 80.7 78.7 81.3 57.4 57.4 80.0 80.0 Al 54.8 60.0 63.2 2.59 73.6 78.7 81.3 85.9 81.3 81.3 43.2 81.3 ۱۸ ۱۸ 19.4 19.4 19.4 53.6 52.3 63.9 72.3 58.7 80.7 80.7 ۰ ۱۸ 10.3 10.3 10.3 00 000 10.3 10.3 10.3 10.3 10.3 0.6 10.3 10.3 10.3 9.7 2 NO CEILING ¥ 20000 (FEET) VI VI 00091 000091 12000 9000 1800 1200 88 80 2000 2000 4500 3000 2500 88 88 88 AI AI AI AI AI AI AI AI ALA ALAI ALAI

TOTAL NUMBER OF OBSERVATIONS

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5703 CEILING VERSUS VISIBILITY JAN 68

HOURS (LS T.) PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BRUNSWICK, MAINE

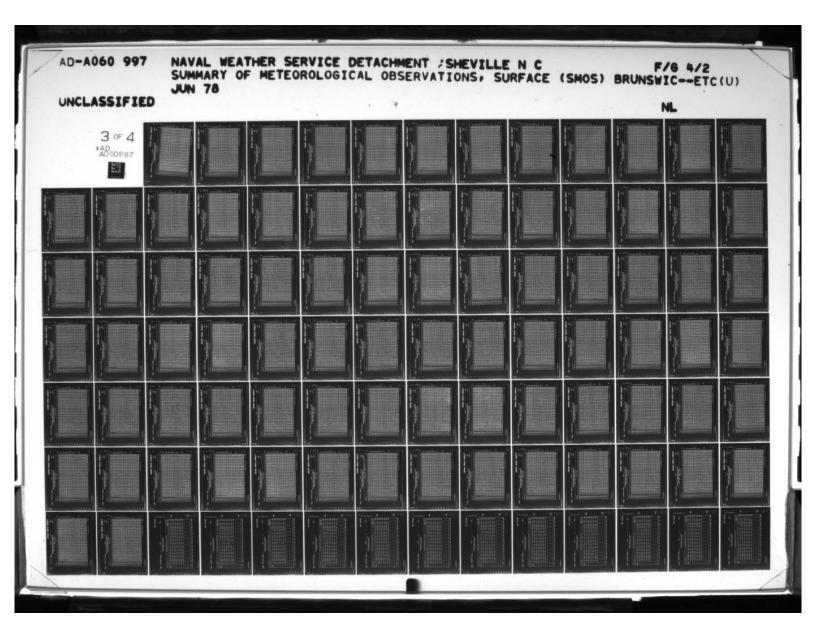
CEILING VERSUS VISIBILITY

CEILING							5	SIBILITY (S	VISIBILITY (STATUTE MILES)	(S3)						
(FEET)	2	o Al	S) Al	4	E AI	≥ 2%	1 2	٧١ ۶۲	VI %1	Ā	* AI	* 1	VI Z	≥ 5/16	AI X	AI
NO CEILING	- Ta	45	46.5	47.1	47.1	47.1	47.1	4 11	47.	4 4	47.1	*"		**	47.1	47.
18000		200	1.		51.6		5:	52.	100	525	25	525	32.	52.	52.3	25
	1	32.5	1:	52.3	52.3	52.3	52.	52.	52.9	52.9	52.	52.9		200	52.9	52.
	14 · 14 · 1	25.					56.	56.	36.	56.	36.	56.	300	56.	56.8	200
000 AI AI	0.0	58	0.0	000	00	00	000	000	00	60.	60.7	600	60.	60.	60.7	60.
9000 AIAI		58.	60.7	61.3		-6	00	61.	69	63.	61.	61.	61.	61.	00	
4500		90	25	63.9	1000	9	63.	0.0	64.	64.	64.	00	64.	64.	00	65.
3300		63.	70.3	69.0	6 -		20	69.	92	69.		72.	91		~	
7 2000		69.	-:		72.9		72.	73.	73.	73.	73.	73.	4		74.	
71 YI 008 I		70.	20	73.6			73.	75.	1	~	r	74.	~		7.	**
1200	11:0	71.6	78.5			78.7	78.	93.	83.	79.	83.	83.	83.	83.	80 80	80.
8 8 AI AI		72.	78.7	80.7	81.3		æ Ø	8 8	00	83.2	83.	8 8	8 8	83.	5 0 7 7	**
Z 200		72.	78.7	62.6	81.9		83.	83.		83.	83.	83.	83.	83.	84.5	88.
1 1 20	11.6	73.6	79.4	82.6	84.5	85.8	00	90.	00	89.0	92.	92.	92.			90.
300	::	73.6	79.4	82.6	84.5		89.	00	00	92.	92.	6	93.6	93.		94.
80		73.6	79.4	82.6	84.5	1.78	89.7		91.	00	94.8	98.3	95.5		97.4	.86

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

EILING							VISI	VISIBILITY (STATUTE MILES	TUTE MILE	S						
(FEET)	5 4	o Al	45 Al	AI AI	es Al	> 2%	N Al	Y	VI 72	Ā	% Al	*	Z Al	≥ 5/16	N N	0 11
CEILING 2000	12.9		***	66.9	46.5	40.0	47.1	1.7	7.5	44	1-1-1	1.7.	7.5	4.7.	43.4	47.7
18000		10:1		19.7	• •		4 .		0	:		1:		-		:
16000		49.7		49.7								1.				
14000	12.0			50.3		.0		51.0	1.	1.	•	1.		1.	2.	52.3
12000			2.		•	2.			7.	3		3.		3	;	-
10000	12.9	34.2	*	84.8					5.					. 9		
0006							-			9			0			
8000	12.9		:	58.1	58.1										0	
2000			39.4	39.4	59.4		.0		•			0	0	0	1:	
0009			0	0.09	0.09	0.			0	1:	1.	1.	1:	1:	1.	
2000			0			0				:	1:	-	-	-	3:	
4500		63.0	3			:	3.			5	5	3.		3.		
4000			3			•			1.		7.	1:	7.	1.		
3500			-	7.	7.	7.			8.			.6	.6	9.		
3000				-	-	-	-		-	2	2.	2.	2.	2	2.	
2500	12.9		72.3	72.3	72.3	.2			72.9			3		3.		
2000			600			3.			-	;	:	+		;	3	
1800			16		-		;			;		;			3	
1500			74.8		3	3.			_	:	-	-				
1200		74.8	75.5	3		.9	1:									
1000			70.1		79.4	6	å			2.	2	2.	2.		3	
906		76.1	78.1	78.7		0		82.6	95.0					•	;	15.2
800			78.1			0	-		-	3.				3.		15.2
780			73.1											3		80.5
909		76.1	78.1						•					3.		87.1
200			710.1	19.4					86.5		1:				6	89.7
400		_	78.1	:			:			.6					-	91.6
300	12.9	70.1	78.1		81.3	83.2	85.2		89.7	91.0		92.3	92.0	92.9		94.2
28		-	19:1	79.4				89.7	60.3	-						97.4
8	12.0	10.1	1:1	10.4	91.0	93.0		89.7	800	=		24.5		•		4.66
	12.9		19.1	79.4	61.9	83.7	82.8	87.7	90.3	-	-	24.2	•	96.8		00.0

TOTAL NUMBER OF OBSERVATIONS

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0. 0 0 0

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CEILING VERSUS VISIBILITY BRUNSHICK, MAINE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING																
(FEET)	2 41	o Al	97 Al	4	N AI	2 2%	1 2	¥1 Y	¥1 VI	Ā	% Al	* 1	N N	2 5/16	AI 9	AI .
NO CEILING	11.1		:		44.0	44.0	44.3	44.3	44.3	*	*	44.	*	*	* **	*
N 20000	11.6	96	-		49.2	49.2	49.6	_		49.6	1.69.	.64	49.	7 49.	7 49.	69 8
≥ 18000	11.6	48.2	:	49.2	40.4	4.64	49.6	49.7	49.7	+0.	49.	+9.	64 8		8 49.	9 50
	11.6	200				•				49.	49.	49.	49.		8 49.	~
	11.6	1.00							0	50.	50.	50.	50.		3 50.	-
> 12000	11.7	COD-		51.5	51.7			52.1	52.1	52.	52.	52.	52.		3 52.	-
	11.7	Sec. 1.1		-		3			4	56.	54.	54.	36	200	9 55.	8
900		23.	Ţ	54.5	54.7	54.7		55.		5.5	55	55	35			25
1										S. S. S.	68	.65	.65			1 69
38	200			80.0	4			60.5	60.5	60.7	60	60	60	00	8 60	19
1	12.1	59.3	60.2		60.0	60.8	61.1			61.	61.	-	61.	5 61.	5 61.	
9000			¥					62.9		63	63.	63.	63	9	•	4 63
1	2		-						;	64.	64.	64.	65.	9	.0 65.	
904		9.4.0						66.5		66.	66.	.99	66	•	•	9 67
	2	66.2	:		7			8	8	68.	.89	68.	68.	9	785	•
3000		70.5		2	2	2		3	3	73.	73.	73.	73.	1		6 73
> 2500	12.3	72.0						75.0	75.0	75.2	15.	75.	2 75.	4	3 75.	
	2.	73.4		73.6	5.	5.				76.	76.	76.	76.	-		~
N 1800	12.3	73.6	:						9	76.	76.	76.	76.	-		1 77
> 1500	12.3	74.3	2			1			8	78.	78.	78.	78.	1		-
1. 4	2.	75.2	:	77.7	78.2					79.	19.	·6L	79.	4	3-	•
2 1000	12.3	73.9	-					-	:	81.	81.	81.	81.	8		-
98 1		76.2	-	79.6	80.1	80.4		-	81.9	82.	82.	8	82.	0	5 62.	7 83
	12.3	76.3			à	0		3	2	82.	82.	82.	82.	8	8	1 83
		76.3	-	80.2	-		:			83,	84.	84.	84.	•		8 85
98	12.3	76.6	79.2	81.0	82.1		83.4			85.	86.	86.	86.	8		0 87
200		76.6		81.1	2.	3	*		6.	8	8	88.	.68	8	-	5 89
	12.3	76.6	79.4	81.2	82.8	83.6	84.9	1		8	0	90.		0	9 91.	7 92
300		76.6	19.4	81.2	82.9	3.	5.	87.9	88.3	89.9	1.	.16	. 66		. 6 93.	46 L
	12.3	76.6	79.4	81.3	83.1		85.3	86.2	•	0	2	0		4 95.	4 96.	96 0
8	12.3	16.6	10.4	81.3	83.1	84.0	85.3	88.2	88.6	0	92.	0	94.	0	96 0	96 9
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TOTAL NUMBER OF OBSERVATIONS

BRUNSWICK, MAINE

2

CEILING (FEET)

NO CEILING

VI VI 00091 000061 > 20000

12000

2000

0

4500

3500

2000

ALAI

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

58.0 58.0 58.7 58.0 60.0 60.0 7.00 60.0

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ב	1%	3			•			6	0	-		2	-	8	~	6	00	0	2	~	•	-				0	o	0	0	0			
VISIBILITY (STATUTE MILES)	Al		-	2	-	-	8	*	0	9						-				8				•		•	0	0	0	0	0	0	0
N S		~	C	0	0	3	0	3	0	3	3	3	3	0	0	3	1	0	0	7	0	3	0	1	-	3	1	7	-	-	3	3	*
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16.7

2000

ALAI

1800

16.7

1200

ALAI

0

88

ALAI

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

80

AIAI

0

0

88

16.7

88

0

16.7

88

ALAI

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

BRUNSWICK, MAINE

0

0

CEILING							VISI	VISIBILITY (STA	(STATUTE MILES)	(S)						
(FEET)	2 11	N AI	8 11	AI	e Al	> 2%	K 2	¥1 V	¥1 V	Ā	* Al	* 1	Z AI	≥ 5/16	× Al	N AI
NO CEILING	12.7			2	24	24	2	No	52.7	2	20		100	20	53.3	53.
VI VI 00081 00081	13.3	50.7													57.3	57.
V IV 14000	**				58.0		58.7	50.7		59.7	59.3			58.7	59.3	59.
VI VI 0000 0000	14.0	55.			00					::				-:	62.0	62.
000 1 A I A I	14.0					30	9				-10		100	30	67.3	67.
9 9 AI AI				80	80	80					. 0				69.3	69.
VIVI 4000				04	0	-:	-13			-:				-:	72.0	72.
3200					00		0 8				76.7		1		77.3	77.
Y 2 2000				8 0	80	80				. 0	80		200	. 0	81.3	81.
1 1800 0081 1 1500		71.3		00	00	00	00			02	00		-	00	81.3	83.
		72.0	20	26	m 3	**	30	+ 01		+ 0	+0			. 0	86.7	86.
		74.0	8 6		000	0 P	- 20 2	- 0 0		- 60 60	- 00 00			-66	000	000
8 88	99		800		800		000	0 0		à .	04.	-		23.	95.3	92.
	999	222	80.7		80.00	000	92.0	200	6 6 6	9 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	96.99	96	96	96.7	97.3	97.
80	16.0	74.0	800		60	00	20			200	00				98.7	99.

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0

(1)

TOTAL NUMBER OF OBSERVATIONS

13-77

BRUNSWICKS MAINE

07 HOURS (1.5.7.) 5703

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NON .

CEILING							VISII	BILITY (STA	VISIBILITY (STATUTE MILES)	(S)							
(FEET)	5	9 11	87	4	AI AI	2 2%	N AI	Y1 %	¥1 VI	Ā	*	*	VI %	≥ 5/16	AI .	7	0 11
NO CEILING	12.7	46.7	47.3	47.3	47.3	47.3	47.3	47.3	4.7.3	47.3	47.3	47.3	47.3	47.	3 47	w	18.0
	1	-	•	2	4	7	2	1	1		4	7			~	-	2 2 6 2
0008			•	23.3	33.5		23.3			_	•		•,		n :	91	0
	3	_		54.7	•		3	3		•	3	:			•	-	53.3
N 14000				55.3			55.3			3		3			8		26.0
	14.0	-0-0		55.3			55.3	5.	3	55.3	3	3			~		
	,	600		58.7				. 8		8		8.			2		
000 Al	14.0			60.7	60.7	60.7	60.7	1	0	60.7		0			7 60	1.	61.3
		10000		64.7	64.7					5.	5.			65.	9		
7000	14.0			64.7	64.7	64.7	64.7		64.7	65.3		3.			9		66.0
	,					.9				9	.0			66.		.7	67.3
2000	14.0			69.3						70.0	70.0	ö	70.0	6	-	0	70.7
		1000		:			71.3	71.3	-		2	2		2			72.7
4000	14.7			72.0						72.7	72.7	2.		72.	7 72		73,3
> 3500			70.7	72.7	72.7	72.7	72.7		72.7	3.		73.3	73.3	73.	1		74.0
3000				74.7	74.7	74.7	74.7	74.7		75.3		3		75.	3 75		
≥ 2500	15.3	anna na sa		5	75.3	75.3		75.3		76.0	76.0			76.	0 76	-	76.7
	5			76.7	76.7	76.7	76.7					-		77.	3 77		
V 1800	3	1	74.7	76.7		76.7				77.3		-	77.3	77.	3 77	m	78.0
		Same	•	77.3		77.3	77.3	-		78.0				78.	0 78	0	78.7
				78.0	78.0			78.0	78.0	78.7				78.	-	F.	79.3
V 1000						80.0	•		-	82.0	82.0	~		82.	0 82	0	
			77.3	79.3	0	0	0	2						82.	7 82	-	83.3
008		-	78.7			82.0	2.			84.0	84.0		•	84.	0 84	0	84.7
			80.7	82.7	3.		85.3			87.3	87.3	98.0		88.	88 0	0.	88.7
009	: -3		80.7	83.3	84.0	85.3					88.0	20.7	88.7	88.	7 88	-	89.3
		1000	80.7	83.3			•	88.0	8		6	90.7			7 90	-	91.3
1 400		-204	80.7	84.0	85.3				0	90.7	0			92.	7 92		the state of
300	15.3	100	80.7	84.0	3	86.7	87.3	89.3	90.0	91.3	91.3		93.3	94.	1 94		95.3
1 20	-		80.7	84.0	85.3				0	Carried Co.		•	•		96 D	0	99.3
8			80.7	84.0	85.3	86.7	87.3	89.3	90.0	92.7		96.0		98.	-	.71	00.0
٨١	15.3	75.3	80.7	•	85.3		87.3	89.3	0	92.7	93.3	•			7 98	.71	00.0

CEILING VERSUS VISIBILITY JAN 68

TOTAL NUMBER OF OBSERVATIONS

2879

SOLVENITA OF THE SOLVENICE OF THE SOLVENICE	PERCENIAGE TREGUENCY OF OCCURRENCE	(FROM HOURLY OBSERVATIONS)	

BRUNSHICK, MAINE

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	AI X	14	3	34	55	36	2	29	3	9	62	65	3	20	2	76	2	13	2	8	8	84	3	86	8	90	3	96	97	97	2	97
		-	1 100	-			0	-	-	7	0	~	-	9	-	-	0	~	1	m	m	-	-	0	m	-	0	0	(1)	-	m	-
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	*	F. C	0	0	4	9	0	~	-	7	0	P		9	-	-	0	100	1	4	m	-	-	0	~	-	m		-	-	-	
	AI	1:	54	54	55	56	38	2	9	9	62	65	3	2	2	76	18	2	2	8	3	84	48	96	8	8	6	36	36	36	6	
		F 6	0	10	M	q	0	-	-	-	0	~	-	9	-	-	0	~	m	•	m	-	-	0	-	0	0	-	-	-	-	-
	AI	3		3.		9	88	6	00	9	25	2	90	9	0	97	78.	6	2	3	37	*	4	9	88	0	2	22	2	2	2	22
WILES)	-	F (3	0	-	-	H	0		100		100								414				-	6	m	0	0	-
TE &	1%				5	3		6	0								77.	•									8	6		6	6	6
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	Al	3	5	6	55	56	58	20	9		62		99	69	5	76	77	78	78	80	8	8	4	85					8		8	88
	-	- 0	0	0	•	9	0	~	-	H	0	F	0	3	0	0	m	~	-	-	-	3	M	-	0	-	w	3	m	3	w	~
	1 2%	2:	2	3	55	90	58	20	9	9	62	19	99	69	2	16	11	78	18	9	80	83	83	98	86	86	87	87	87	87	87	87
		-	0	0	3	0	0	-	~	-	0	-	0	19	0	0	0	-	-	-	-	•	1	-	m	0	1	-	-	-	-	1
	N AI	*		F				0	ò	d	2	-		6	0	.0	77.			9	ò	3	3					9	Street, St.			2000
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	7		•	7			8.				2.																					5
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		-	9 6		.3	9		3	-	-		-		-	000	. 3	1.1	0.		.0		.0		6.3	1.3	.3	. 3	.3	.3	.3	.3	6.
	Al	33	3	5	53	3	3	2	9	9	6	3	3	9	2	-	76	7	2	8	8	6	2	8	8	8	6	8	8	6	6	8
		0.	10			7	•	7																								
	AI	40	25	3	54	33	2	2.0	9	9	3	3	65	89	9	74	73	76	10	78	78	80	80	82	82	82	82	82	82	82	82	82
		mr.	-	~	-	-	~	~	-	7	-	-	-	~	0	a	0	a	0	a	0	0	0	o	O	0	0	a	0	a	0	d
	2	13			-		*	3	14.	9	:		15	5	9	9	16.	9	9	9	9	9	16.	9	9	9	16.	9	9	9	16.	9
		-	F					7			_								_		_						_		_		_	
2	E	NO CEILING	8	16000	14000	8	10000	8	8000	8	9009	8	4500	8	3500	8	2500	8	1800	8	1200	8	8	8	200	8	200	9	8	8	8	•
CELL	(FEET)	1 CE		7	1		VI.		Al	-	Al			AI AI			7		A1		Al		Al				Al		AI		Al	٨١
		ž											•••																			

TOTAL NUMBER OF OBSERVATIONS

0

73=77	UENCY OF OC
BRUNSMICK. MAINE	PERCENTAGE FREGUENCY OF OC
BRUNSH	

		Y % Y % Y S/16	39.3 39.3	48.7 48.7	48.7 48.7	3 49.3 49.3 49.	52.7 52.7	54.0 54.0	56.7 56.7	58.7 58.7	61.3 61.3	64.0 64.0	0.99 0.99	68.7 68.7	76.0 76.0	27.3 77.3	79.3 79.3
<u> </u>		AI	39	8	48	49.3 49.	52	54.	56	58	61.	64	99	68	76.	77.	10
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	JTE MILES)	Y	39.3 39	1			3	d			3	0	0	-	9	m	4
FREQUENCY OF OCCURE HOURLY OBSERVATIONS)	VISIBILITY (STATUTE MILES	¥1 ¥1	39.3	-	_	49.3	1	~	-	2	-	~	~	-	~	-	-
SUENCY RLY OB	VISI	2 4	39.3	48.7	48.7	49.3	52.7	54.0	56.7	58.7	61.3	0.49	96.0	68.7	76.0	77.3	79.3
E FREG		> 2%	9 4	48	48	49.3	25	54	56	28	61	79	99	89	9	7	79
ENTAGE (FROM		e Al	3 39.3		7 48.7	8 49.3	To the Country of the				-1000	10000	-				
PERC		A I	3 39.		48.	49	25	34	36	C100 D00040	61	49	99	6.8	76	11	2
		8 A 9	.7 39.				20		0	7 0			•	0	-	0	-
		AI .	10	*	48		52	53	56	28	90	69	69	99	7	76	11

NO CEILING

(FEET)

VI VI 00091 000091 N 1400

9000

11.11

2000

11 11

9000

MIM

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11

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5703

CEILING VERSUS VISIBILITY JAN 68

TOTAL NUMBER OF OBSERVATIONS

88

AI AI

88

AI AI

88

VI VI

88

AI AI

0

80

ALAI

2000

AIAI

1500

AI AI

900

AI AI

3200

AIAI

MINI

150

HOURS TES T.

60

0

0

0

0

0

(4)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

BRUNSWICK, MAINE

		10	0.5	10	101	M	on F	10	1	OF	-	10	0	61	-	601	01	40	Lo	M	a			0	-	-	4	20
	0	0	0 0	ŧ			53.			62.	. 8			15.	79.		80.	7		89.	0	92.		96	9	98.		900
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	٨١	*		*	*					62			1															
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	1/5	0	0	00	80	d	m.	* 00	O	2 4	3 15	1 -	3	80	0	0	0	N 4	7	0	a	N	m	0	0		0	00 00
	Al	4	9	4		8	N A	3	0	94	0	-	~	-	1		30	20 80	8	00	0	0	3	0	0	0	7	20
		0	9 0	50	0	-	10	- 0	-	70	- 6	10	0	(4)	m	~	01	2	(4)	m	a	0	-	0		-	4	-
	2		3.			1		1								-	-				3		-	•	-		9	• •
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		5-			- Carlo			l and	4	10	-		7.00			-		1 700			-		-		-			ale and
	*	•					•	-		•	•		-		•	•	-				•			•	•	•	•	•
	Al	9	9 4	80	9		30			62				5	6	2	25	7 4	37	6	2	2		2	2	8	9	0 0
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	Al	4	9 4		4	~		40	9	94	0	-	-	-	1	-	8	00	00	00	0	0	0	0	0	0	>	20
		0	0 6	50	0	-	10	0	-	10	- 1	m	0	~	m	~	01	- 0	0	M	0	m		m	(4)	M		m 60
	-										9	•		•	•	-		•				•	•	•	•	•	•	
-	Al	3	3 3		3		50			62																		97
LES		_			-		-																		7.			
1	174						wi			or							•				•	•	•			•	•	
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VISIBILITY (STATUTE MILES)		- 12			100			1	1				140	3				1										. 0
(ST		0	q	0	0	7	wi	70	1	21	C	JW	0	679	w	500	01	70		100	0	-	9	0	0	0	9	0 0
2	7.	0	0 0	8		a	m .	0	Ö	2 4	10			3	6	6	0	3	-		d	0	2	•	3	ė.	٥,	
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151		0	0	50	0	N	m	10	N	31	- 6	7 19	0	25	m	1	0	00	I	-	2	0	-	-	H	m	4	9 (4
>	~		4.				•.										•				•		•	•			•	
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		-	1	-	~	1	-	1	1 5	10	1							1					1		1		1	
	21/5								100		4												•			•		
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								4	•	•	"		-					• •	•		-		~					M
		0	99	9 0	0	7	wi	9	7	01	- "	10	0	3	1	7	4	31	9	w	q	-	3	Ö	9	-1	7,	-
	N AI	0	20 a	0	8	d	m.	0	0	2	-		3	2	8	8	0	82	9	-	0		2	0	d	0	ā,	90
			4		4	"	80 8	3	0	0 4	9 0	1/1	-	-	-	2	-	20 40	8	00	8	80	80	0	0	0 4	7	. 0
		0	0 0	20	0	-	mr	10	-	10	- 1	m	0	3	-	N	m.	2	0	-	M	P 1	a	0	a	-	-	-
	*	0	1 .			4		-		2			:		*			1:			3	:	0		-		-	
	A)	4	3 3	r	3	3	-	2	9	62	9	-	-	7	7	2	~	00	8	8	8				8	3	ö	0 00
		0	00	50	0	N	a F	10	-	10	- 1	· m	0	~	-	N	m	20	0	~	M		H	-		m 1		2
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	Al	3	2 3		8	2	5	2 8	50	62	55	7	2	2	18	28	2	2 2	86	86	9	9	9	9	9	1 4		20
													1	1					-									
			7			9		3 6	I.		3			9		7	0	9 .					9			•		9
	Al	01			-	9	~	-	9	19	4	0	~		-	-		0 6		-	2	-	-	5				0.0
						-	a 1	3	0		9 3	, ,	-		-		-	20	8	0	8	00	20	00	0	00 0	0	0 00
		01	7		~	7	-1	4	1	7	9 0	10	~	7	-	N	1	7	-	-	-	-	H	-		1	71	- 1
	2	2	20		~	2		12		20						3	j.	4			3		3		3		7.	
	Al	-		• -	-	-			-			•			-		-	-	-	-	-	-		~ .		٠.		
		0	+			1	-	-			-	1				+	-	+			+	-	+		+		+	-
9	-	NO CEILING	8	8	8	8	88	8	8	88	8	88	8	8	8	3	88	8	8	88	3	88	3	88	3	98		80
CEILING		CEILIN	8	16000	14000	120	0000	8	7000	9000	1	8	3500	8	2500	2	900	12	90	8.	•	7 4	0	5	•	~ K	1	-
U	=	0 4	1 1	IAI	AL		ALA	A	AI	ALA	1 1	1 1	AI	M	AL	AI	111	1 1	IAI	AL	u	11/	I	AI A	1	AIA	1	MAIA
		Z										11															1	

TOTAL NUMBER OF OBSERVATIONS

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)		7				
Ì	VI 5	AI	N AI	VI 4	۸I	> 2%	N N	¥1 ¥	¥1 ¥	ŽĮ.	% Al	* AI	% Al	≥ 5/16	VI N	AI
		48.	49.		.6	49.3	6		.6		49.	49.3	49.	.64	6	49.
≥ 20000		52.	53.	53.3	53.3	53.3	3	54.0	54.0	54.0	54.	54.0	54.	54.		54.
N 18000		52.	54.		;	*	;		54.7	*	54.		54.	54.	;	54.
		52.	54.	54.0	4.	4.			54.7	4.	54.		54.	54.	*	
		53.	.45		*		5.			5.	55.		55.	55.	3.	
≥ 12000		54.	55.		3	5	9			•	56.		56.	56.		56.
		.95	58.			8.	8			8	58.	8.	58.	58.	8.	58.
0006 X		58.	59.		6		a			•	.09	0	60.	60.	0	.09
0008 ₹	12.7	63.3	65.3	65.3	65.3	65.3	0.99	0.99	66.0	66.0	0.99	0.99	0.99		0.99	66.
> 7000		. 49	66.			. 9	3			. 9	.99		66.	66.		.99
		67.	*69			.6	0				70.	0	70.	70.		70.
> 2000		68.	70.		0	0				-	71.	-	71.	71.	:	71.
	2.	.69	11.		1.		2.			2.	72.	2.	72.	72.	2.	72.
× 4000	4	72.	74.				.9				76.	.0	76.	76.	.0	76.
> 3500		72.	15.	75.3	75.3		. 9			•	76.	.9	76.	76.	.9	76.
3	;	74.	77.		-	-	8.			8.	78.	8	78.	78.	8.	78.
≥ 2500	4.	76.	.08		0		1.			1:	81.	-	81.	81.	1:	81.
7 2000		77.	80.	80.7	-	-	2			2.	82.	2 .	82.	82.	2.	
≥ 1800	4.	78.	.18		2.	2.	3.	3.		3.	83.		83.	83.		83.
≥ 1500	;	78.	82.		2.	2.	;			;	84.	+	84.	84.	*	84.
	. 4	.08	* 48	84.0		4.	.9				86.	•	86.	86.	9	86.
> 1000		81.	84.		•			8		8.	88.	8	88.	88.	8.	88.
0% Al		82.	86.		8	8.	0	0		.0	90.	0	90.	90.		90.
08		82.	86.			8	•	0			90.	0	90.	90.	0	90.
≥ 700	*	82.	86.	86.0	. 8		•	90.7		0	90.		.06	.06	:	90.
009 1		82.	86.			8	:	2		3	92.	3	92.	0	3	92.
	. 4	82.	86.		89.3	6	3.	-		5	95.		95.	•	3	95.
2 400		82.	86.		89.3	0					96.		97.	0	1.	97.
-		82.	.98		89.3				•		97.		98.	0		98.
N 300	;	82.	86.	86.7	89.3	0			96.0	96.7	-	97.3		0	8	98.
8	14.0	82.	86.	86.7	89.3				96.0	Contract of	1.	97.3	98.0	98.7	8.	.66
٥	;	82.	86.	86.7	89.3	0	;			96.7	7	97.3	98.0	98.7	98.7	

5703 CEILING VERSUS VISIBILITY JAN 68

TOTAL NUMBER OF OBSERVATIONS

RENCE	
PERCENTAGE FREQUENCY OF OCCURREN	POUT A CHILD Y CASEBVATIONS
AGE FREQUE	YIGH MC
PERCENT/	(FDC

(FEET) NO CEILING NO CEILING	- 1	9					7 2	71. 4	71	,	1	*	AI AI	> 5/16	1	
	-		۰۶ ۸۱	*	m Al	27				_	*	£			*	٨١
14000	1	48.7	50.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.	3 51.	15
18000 14000 12000	J	4.7		4	57.3					4	31.	•	4	~	57.	9
12000		1.4			57.3	57.3		57.3		57.3	57.	5	57.3	57.	57.	57
14000		4.7	•		57.3		57.3	57.3	4		57.	5		~	3 57.	2
12000		4.7	41.5		57.3			57.3			57.	-		5	57.	57
10000		4.7			57.3	1		57.3		57.3	57.	-	4	*	57.	57
-	4			E B 7				8			K.8.	*			48	
000	3			0	80.0	50.3	20.0	20.0		20.2	50	59.3	59.3	50	30	0
1	3		•				2					1		1		
0000	0			7.70	*					•	.70		,		.70	70
3	0.9			299		9	3	á	ò	9	99	• 99	99	99	99	9
0009 1	0.9			68.0							68.	68	68.	68.	68.	•
				69.3		6	69.3	6	6	69.3	69	69	69	69	69.	69
4500	6-0			70.0	0		è				70.	70.	70.	70.	70.	
1 4000	9			73.3				-		73.3	73.	73.	73.	73.	73.	73
3500	6.7		2. 3	76.7	3	74.7					76.	76.	76.	76.		1
0000	4.4			82.7							82	82.	82.	82	82	-
2500	6.7			85.3	85.3		85.3	85.3	85.3	5	85.	85.3	85.	85.	85.	3 85
_	6.7			86.7	9	86.7			.0	86.7	86.	86.	86.	0		•
1800	4.9			86.7	9	9	1		.0		9	86.	86.	86.	7 86.	
> 1500	6.7			87.3					-			87.	87.	87.	8	87
1200	6.7					87.3		1		87.3		87.	87.	87.	87.	87
≥ 1000 ×	6.7			88.7							88.	.88	88	88.	7 88.	88
1					6	89.3	•	0	0		0	90.	90.	90.	90.	0
900		1		88.7	0			90.7		90.7	90.	90.	90.	90.	90.	7 90
		-		88.7			0	0			0	90.	.06	90.	•06	6
009 1				88.7	0	0		90.7	90.7	90.7	90.7	90	90	90.	-06	00
2 500 1	1	-		90.7	2.	2.					:	94.	94.	94.	1 94.	96
N 7				7.06		92.7	;	95.3			96.0	96	96.	96.	96.	
2 300 1	-			7.06	92.7	92.7		95.3		95.3		96	96	96.	96	0
1 200 1				7.06	92.7	2.	:	95.3		_		96.	97.			
W 70	4.9	80.7	84.7	1006	92.7	92.7	*	100	95.3	95.3	96.0	0	97.3		97.	
•	6.7					2.		95.3	95.3	200	•	0	•	0		100

TOTAL NUMBER OF OBSERVATIONS

87.8

81.3

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2 5/16

Al

7 2%

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٨I

AI

2

(FEET)

NO CEILING

> 20000 16000 12000

9000

ALAI

2000

2000

AIAI

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

Al ٨١ * 000.00 11.00 10.00 83.9 86.5 ٨I VISIBILITY (STATUTE MILES) 82.0 ٨١ 73.7 73.6 77.7 73.6 79.1 79.6 80.8 80.8 7.6 81.0 65.0 65.1 67.2 67.3 68.4 68.6 71.7 71.8

NAVWEASERVCOM

BRUNSHICK, MAINE

0

10.4.0

0

3500

4500

0

0

0

80

AIAI

88

ALAI

0

82.9

80.2 81.0

1500

AI AI

2500

AI AI

1200

AI AI

88

AIAI

88

AI AI

88

AI AI

78.9

HOURS (CS.T.)

0

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)		
PERCENTAGE FREQUENCY OF	OCCURRENCE	ATIONS)
PERCENTAGE FREQUENCY (FROM HOURLY OBS	9	ERV
PERCENTAGE FREC	DUENCY	RY OBS
PERCENTAGE (FROM)	FREG	TOOL
PERCI	ENTAGE	(FROM)
	PERCE	

BRUNSWICK, MAINE

0

0

0

CEILING VERSUS VISIBILITY

CEILING							ISIA	BILITY (STA	VISIBILITY (STATUTE MILES)	(5						
(FEET)	21	N AI	8	1	e vi	2 2%	2 2	%: A!	71	ÃI	× Al	*	Z AI	2 5/16	AI N	٨١
		42.	5		7.			7		8		8			48.	
≥ 20000		•	6	52.3					2				. •		52.	52.9
	9.7	+6.	49.0	52.3	52.3		52.3	52.3				2		2	52.	52.9
≥ 16000		*	6				2.	2	2			2.			52.	-
		4	.6		2.				2						53.	53.6
≥ 12000		•		2.			2.	2				3.		3	53.	53.6
≥ 10000		*	. 6		2.		2	2	2			3		3	53.	53.6
10000		4		2.	2.		2		2					-	53.	53.6
100		51.	3.	6.			. 9			7		7.	7.		57.	57.4
> 7000		52.3	54.8				8							6	59.	59.4
	9.7	52.9	3.		0				0	7			-	-	61.	61.3
> 2000		54.2	9										2.		62.	62.6
				63.2					6	3			*	4	64.	
× 4000	10.3	57.4	9										3		65.	65.8
		-09	2		7					8			8		.89	
3000		63.	9							2			2.	2.	72.	72.3
2 2500	10.3		8	72.9			73.6		73.6	4.			. 4	*	74.	74.2
≥ 2000		66.	0							. 0			. 9		76.	
≥ 1800	10.3	66.5	70.3	75.5	76.1	76.1	76.1	76.1		76.8	76.8	76.8	76.8	76.8	-	76.8
	-	67.1	-	76.1			77.4		77.4						78.	78.1
≥ 1200	10.3	67.1	1:	76.1				77.4				78.1			78.	78.1
		67.1	1	76.1		4			•	-		78.1	8		78.	
8	10.3	67.1	-	76.1	16.8			77.4	77.4			78.1				78.1
. 1	-		-	76.1	1:			78.1					8	8	78.	
700	10.3	67.7	:										0		80.	80.0
			3	80.0	-									3	83.	
200	10.3		3.	80.7	3			84.3				85.2		3	85.	85.2
	10.3	69.7	3.	80.7						7			-	-	87.	
300		69.7	73.6	80.7	3		87.1		87.7		89.7		89.7	89.7		89.7
	10.3	69.7	-	80.7	3			87.7	1	6		89.7	0	-	91.	91.0
VI VI	10.3	69.7	3.	80.7	85.2		87.7	4.88				80.3	-	*	93.	96.1
	10.3	69.7		80.7	2	•	2	4.88	•	6	•	80.3	-	3.	93.	100.0

0

0

BRUNSWICK, MAINE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CERTING 2-6 2-5 2-4 2-3	CEITING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
7.1 34.2 38.1 38.7 39.4 40.0 40.0 40.0 40.0 40.0 40.0 40.0 4	(FEET)	5 1			AI AI	The state of the s	200				- AI	* AI	*	N N	≥ 5/16	N AI	0 11
20000 7.1 36.8 40.7 41.3 41.9 42.6 42.6 42.6 42.6 42.6 43.2 4 130.8 7.1 36.8 40.7 41.3 41.9 42.6 42.6 42.6 42.6 42.6 42.6 42.6 42.6	NO CEILING				38.7							40.	•0	41.	*	41.	
10000 7.1 36.8 40.7 41.3 41.9 42.6 42.6 42.6 42.6 42.6 43.2 43.2 43.2 43.2 43.2 43.2 43.2 43.2	> 20000				40.7	•				•	•	•	•	43	2 43.	43.	44.5
10000	V 18000	7.1	36.8	40.7	•	•						43.	43.	43.	43.	43.	45.2
10000 7.7 37.4 41.3 41.9 43.2 43.2 43.2 43.2 43.2 44.5 45.0 47.1	≥ 16000	7.1	36.8	40.7	•	•						43.	43.	43.	*	43.	•
10000		7.1		40.7	•	•			•	•	•	*	43.	***	*	***	45.8
7.7 \$0.00 7.7 \$40.7 \$44.5 \$47.1 \$48.4 \$49.0 \$40.0 \$49.0 \$49.0 \$49.0 \$49.0 \$49.0 \$49.0 \$49.0 \$49.0 \$49.0 \$49.0 \$49.0 \$40.0 \$49.0 \$40.0 \$40.0 \$40.0 \$40.0 \$40.0 \$40.0 \$40.0 \$40.		7.7		41.3								**	**	45.	4	45.	*
7.7 42.6 46.5 47.1 48.4 49.0 51.6 52.3 52.9		7.7	40.7	44.5	•							47.	47.	48	4 48.		•
7.7 43.9 48.4 49.0 51.6 52.3		7.7		46.5						•		49.	49.	50.	5	50.	51.6
7000 7-7 48-4 52-9 54-2 56-8 57-4 57-4 57-4 57-4 57-4 58-1 58-1 58-1 58-1 58-1 58-1 58-1 58-1	0.85	7.7		8	•			2.		2.	•	52.	52.	53.	30	53.	~
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3500 7.7 54.2 55.5 58.1 58.7 58.2 65.2 65.2 65.2 65.2 67.7 67.7 67.7 68.6		7.7		3		-				8		3		59.	. 59	59.	0
4500 7.7 51.6 56.1 57.4 60.7 61.3 61.3 61.9 61.9 62.6 65.2 63.9 63.9 63.9 64.5 64.5 65.2 65.2 63.0 7.7 52.9 58.1 60.0 63.2 63.9 64.5 64.5 65.2 65.2 65.2 65.2 65.2 65.2 65.2 65		7.7		;	55.5							59.	59.	60.	0	60	•
2500 7.7 52.9 58.1 60.0 63.2 63.9 63.9 64.5 64.5 64.5 65.2 65.2 65.2 65.2 65.2 65.2 65.2 65	1	7.7				0	-	-	-	-		62.	62.	63.		9	
3300 7.7 53.6 58.7 60.7 63.9 64.5 64.5 65.2 65.2 65.2 65.8 6 2300 7.7 56.8 61.3 63.2 65.2 67.1 70.3 71.6 71.6 72.3 72.3 72.3 72.9 7 2300 7.7 58.1 65.2 67.1 70.3 71.6 71.6 72.3 72.3 72.9 7 2300 7.7 60.0 67.1 69.0 72.9 74.2 74.2 74.2 74.2 74.2 74.2 74.2 74.2		7.7		8.	0	3.	3.	3			5.	65.	65.	65.	9	65.	
2500 7.7 56.8 61.3 63.2 66.5 67.7 67.7 68.4 68.4 69.0 6 7 10 7 2000 7.7 56.1 63.2 65.2 68.4 69.7 69.7 70.3 70.3 71.0 7 7 58.1 65.2 67.1 70.3 71.6 71.6 72.3 72.3 72.3 72.9 7 7 7 60.0 67.1 69.0 72.9 74.2 74.2 74.2 74.2 74.2 74.2 74.2 74.2	500.0	7.7		8		3.	*		5.	5	5.	9	65.	.99	9	.99	67.7
2500 7.7 56.1 63.2 65.2 68.4 69.7 69.7 70.3 70.3 71.0 7 7 56.0 65.2 67.1 70.3 71.6 71.6 72.3 72.3 72.9 7 7 7 50.0 67.1 69.0 72.9 74.2 74.2 74.2 74.2 74.2 74.8 7 7 50.0 67.1 69.0 72.9 74.2 74.2 74.8 74.8 75.5 7 7 60.0 67.1 69.0 72.9 74.2 74.2 74.8 74.8 75.5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		7.7		-			1	-		8.		69	69	69	0	69.	7 71.0
2000 7-7 58-1 65-2 67-1 70-3 71-6 71-6 72-3 72-3 72-9 7 1800 7-7 58-1 65-2 67-1 70-3 71-6 71-6 72-3 72-3 72-9 7 1200 7-7 60-0 67-1 69-0 72-9 74-2 74-2 74-2 74-2 74-8 7 200 7-7 60-0 67-1 69-0 72-9 74-2 74-2 74-8 74-8 74-8 75-5 7 200 7-7 60-0 67-1 69-0 72-9 74-2 74-2 74-8 74-8 75-5 7 200 7-7 60-0 67-1 69-0 73-6 75-5 75-5 76-1 76-1 77-4 7 200 7-7 61-3 69-7 72-3 77-4 79-4 81-3 83-2 83-2 85-2 8 200 7-7 61-9 70-3 72-9 78-1 80-0 81-9 85-2 85-2 87-1 8 200 7-7 61-9 70-3 72-9 78-1 80-0 81-9 85-2 85-2 87-7 80-1 80-0 81-9 85-2 87-7 87-7 81-7 81-7 81-7 81-7 81-7 81-7			-	3.		8.	.6	6	0			71.	71.	11.	1		6 72.9
1500 7.7 58.1 65.2 67.1 70.3 71.6 71.6 72.3 72.3 72.9 7 75.00 7.7 60.0 67.1 69.0 72.3 73.6 74.2 74.2 74.2 74.2 74.2 74.8 75.5 7 7.7 60.0 67.1 69.0 72.9 74.2 74.2 74.2 74.8 75.5 7 7.7 60.0 67.1 69.0 72.9 74.2 74.2 74.8 74.8 75.5 7 7.7 60.0 67.1 69.0 73.6 75.5 75.5 76.1 76.1 76.1 77.4 7 700 7.7 60.0 67.1 69.0 73.6 75.5 75.5 76.1 76.1 77.4 7 700 7.7 60.0 68.4 70.3 74.8 75.5 75.1 76.1 76.1 77.4 7 700 7.7 61.3 69.7 72.3 77.4 79.4 80.7 83.2 83.2 85.2 8 7.3 8 7.4 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.7 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.7 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.7 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.7 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.7 8 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.7 8 7.	200		-	5.	67.1		-	-	2	2.		72.	72.	73.	-	73.	74.8
1200			58.1	65.	67.1			:	2.	2.		72.	72.	73.	1	73.	-
1200 7.7 60.0 67.1 69.0 72.9 74.2 74.2 74.8 74.8 75.5 7 500 7.7 60.0 67.1 69.0 72.9 74.2 74.2 74.8 74.8 75.5 7 500 7.7 60.0 67.1 69.0 73.6 75.5 75.5 76.1 76.1 76.1 76.5 7 500 7.7 60.0 67.1 69.0 73.6 75.5 75.5 76.1 76.1 77.4 7 500 7.7 60.0 68.4 70.3 74.8 76.8 76.8 76.1 76.1 77.4 7 500 7.7 61.3 69.7 72.3 77.4 79.4 81.3 83.2 83.2 85.2 8 500 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 500 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 500 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8	353		60.00	67.	•	2.						74.	74.	75.	1	75.	5 76.8
1000 7.7 60.0 67.1 69.0 72.9 74.2 74.2 74.8 74.8 74.8 75.5 76.1 76.0 77.4 76.0 67.1 69.0 73.6 75.5 75.5 76.1 76.1 76.1 77.4			60.0	67.		2.		*		. 4		1	75.	76.	1 76.	76.	77.4
900 7.7 60.0 67.1 69.0 73.6 75.5 75.5 76.1 76.1 76.1 76.1 77.4 7 700 7.7 60.0 67.1 69.0 73.6 75.5 75.5 76.1 76.1 76.1 77.4 7 500 7.7 60.0 68.4 70.3 74.8 76.8 76.1 76.1 77.4 7 500 7.7 61.3 69.7 72.3 77.4 79.4 80.7 83.2 83.2 85.2 85.2 85.2 85.2 87.1 80.0 81.9 85.2 87.1 80.0 81.9 85.2 87.1 87.7			0.09	67.		2.				4.		75.	75.	76.	-	-	77.4
300 7.7 60.0 67.1 69.0 73.6 75.5 75.5 76.1 76.1 77.4 7 200 7.7 60.0 68.4 70.3 74.8 76.8 76.8 76.1 76.1 77.4 7 300 7.7 61.3 69.7 72.3 77.4 79.4 80.7 83.2			0.09	67.	69.0	3.		.5				76.	76.	17.	1	1	78.7
700 7.7 60.0 67.1 69.0 73.6 75.5 75.5 76.1 76.1 76.1 76.1 77.4 77.4 76.8 76.1 78.1 78.2 83.1 83.2 83.2 83.1 83.2 83.2 83.1 83.2 83.1 83.2 83.1 83.2 83.2 83.1 83.2 83.2 83.1 83.2 83.2 83.2 83.1 83.2 83.2 83.2 83.1 83.2 <			0.09	·	69.0	3.	•	:			77.4	-	77.	78.	2	78.	-
500 7.7 60.0 68.4 70.3 74.8 76.8 76.8 78.1 78.2 83.2 83.2 83.2 83.2 83.2 83.2 83.2 83.2 83.2 83.2 83.2 83.2 83.2 83.9 <			0.09	67.		3		3	76.1	•	_		77.	78.	-	78.	79.4
500 7.7 61.3 69.7 72.3 77.4 79.4 81.3 83.2 83.2 85.2 8 300 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 300 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 100 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.7 8			60.09	68.	70.3			;	78.1	8	-		79.	80.	8	80.	81.3
200 7-7 61-3 69-7 72-3 77-4 79-4 81-3 83-9 83-9 85-8 8 200 7-7 61-9 70-3 72-9 78-1 80-0 81-9 85-2 85-2 87-1 8 200 7-7 61-9 70-3 72-9 78-1 80-0 81-9 85-2 85-2 87-1 8 100 7-7 61-9 70-3 72-9 78-1 80-0 81-9 85-2 85-2 87-7 8		7.7	61.3	69	72.3	77.4		.0	3.	3.	10000		85.	85.	8	85.	8 87.1
200 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 200 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 100 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.7 8		7.7	61.3	69	72.3	77.4	6	:	•	3	85.8		85.	86.	80	86.	
200 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.1 8 100 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.7 8 0 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.7 8		7.7	61.9	70.	•	78.1	0	-	85.2	3	87.1	87.1	87.1	88.	4 88.	88.	
0 7.7 61.9 70.3 72.9 78.1 80.0 81.9 85.2 85.2 87.7 8			-	0	5	78.1	0	-	•	3	87.1		-	89.	8	89.	90.3
7.7 61.0 70.3 72.9 78.1 80.0 81.0 85.2 85.2 87.7 8			:	70.3	2	78.1	0	-	•	3	87.7		88.4	91.0	91.	0 91.	94.2
			=	70.3	5	78.1	0	-	•	2	87.1			-			100.0

0

CEILING VERSUS VISIBILITY JAN 68

5703

TOTAL NUMBER OF OBSERVATIONS

BRUNSWICK, MAINE

CEILING (FEET) NO CEILING	01 Y	% A . 6 . 6 . 6 . 6 . 6 . 6 . 6 . 6 . 6 .	7.04 7.07	1 0 1	≥3 40.7	≥ 2% 40.7	VISII 7 40 • 7	≥ 1% 40.7	VISIBILITY (STATUTE MILES) 2 1% ≥ 1% 7 40.7 40.7	FS)	4 4 5 4 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5	* 404	N N N N N N N N N N N N N N N N N N N	≥ 5/16 41.3	× 14 %	≥ 0 × 1 • 4 1 • 9 • 0
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7:1	44.5	47.1	47:7	47.7	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	49.0	69.0	49.0
	7:1	45.8		60	60			51.0	51.0	51.0	51.	51.0	51.0	50.3	50.3	50.3
VI VI 0000 0000	7.7	47.7	50.3	52.9		-2	51.6	53.6	53.6	53.6	51.	53.6	53.6		54.3	54.2
VIVI 7000 7000	7.7	52.3	4.0	56.1	56.8		59.4	59.4	59.4	59.4		57.4	59.4	. 0	58.1	58.1
000 S	8 8	54.8		58.7	59.4	6		60.0	60.0		62.	60.0	00	00		63.2
VIVI 4000	2 4	58.1	65.2	61.9	62.6		mi	4.	90	mi	63.	40		63.	63.9	63.9
3800	9.4	61.9		69.7	67.1	-0	71.0	71.0	71.0	-:	71.	71.0	71.0	71.		71.0
Y 2500	8.4	65.8	71.6	72.9		1.					7.2		- 4	72.3	72.3	72.3
VI VI 1800 1500	4.8	4.89								**	74.		76.1	5.		75.5
	2000	70.0	73.9		76.8	73.5	78.1		000		78.1		78.1	78.7	78.9	76.8
8 88	8 8	70.3		77.4	80	60		800	80.0	00	800	000		0 -		81.3
	2 2 2	72.3	76.97	000	81.9		200	100	100		86.	100		87.1	87.0	87.1
88	4.4	72.3		80.7	200	9 00		89.7		-:	92.		- 6	25		92.8
80	9 8	72.3	76.8	80.7	82.6	83.9	86.5	89.7	89.7	91.0	00	91.6	93.6	94.8	95.5	98.7

TOTAL NUMBER OF OBSERVATIONS

BRUNSHICK, MAINE

)	(FROM			ERV	ATIONS)	(6					Nouns	1.8.1
CEILING							VIS	VISIBILITY (ST.	(STATUTE MILES)	ES)						
(FEET)	01 2	9 11	8 41	4 VI	e Al	₹ 2%	۲ م	۲۱ کا ۱۳	¥1 ¥	- AI	% AI	*	۶. ۱۸	≥ 5/16	% Al	AI
NO CEILING	8.4	44	80.5	44.5	44.5	44.0	. 44.	::	44.5	84.5	51.5	84.5	5.4	514.5	44.5	**
00081 VI V	6.5			51.0	51.0	-	51.	2	21.0	51.0	·:.	.i.		:		10
	6.5			51.0	51.0		51.0	51.0	51.0	51.0		: : :	000	51.0		
N N N	0.0	s m a	53.6	54.2	54.2	54.2	54.	54.2	54.2	54.2	54.2	54.2		54.2	54.2	
4 23 A 100 C	7.1	52.		56.8	56.8			56.8	000	56.8				56.8	56.8	2
	4 4	57.	00	61.3	61.3	-:-	500	2.2						3-	:::	00
	4.6	57.		- 0			00	62.	61.3	61.3	- 0	-2	61.3		61.3	00
3300	4.0	60.	00	*	5	*	65.	65.	50	5	101	50	2	50	200	00
7 200	0.0	69.	55		-:	-:	7.2	24	-:	-:	- 4	-:	-:	-:	-:	
9 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0.0	69.	rr				76.	2.6		40	+ 0	+ 0			74.8	25
VIVI 120 120 120	9.0	72.	77.			. 0	78.7	80.0		78.7	78.7	78.7	78.7			75
88 AIAI	9.0	75.	No. of the last	- 2	200	200	25	82.	2.0	20	20	200	20	35	82.6	
8 8 8 8	9.0	76.		. 4		83.9		8 6.	84.5	5:	50		85.2	85.2	85.2	
VIVI 88	9.0	76.		85.8	87.7		60	90.	00	2	-6		91.6	91.6	91.6	00
8 8 N N	9.0	76.		85.8	87.7	00			**	* 10	97.4	98.7	98.7	99.4	99.4	22
90 80	9.0		83.2	85.8	87.7	89.0	91.6	8.46	94.8	95.5	4.66	4.66	4.66	100.0	100.0	90

5703 CEILING VERSUS VISIBILITY JAN 68

TOTAL NUMBER OF OBSERVATIONS

2869 -

3.

	PERCENTAGE FREQUENCY OF OCCURRENCE
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			3					9.		•			-								-		-	-	9			-				
	AI	42	2	50	50	50	51	53	34	56	53	3	9	19	65	69	7	76	1	7	=	83	90	67	8	8	92	96	8	98	6	100
-74-	2					~					4			~	7		0	7.								M					*	*
	AI	42	3	20	50	20	51	53	3	26	59	9	9	70	65	69	71	76	1	1	3	83	8	2	8	8	92	96	96	98	3	66
	•	0	7	7	-	m	0	0	~	=		-	-	w	7		0	-		*	-	0	-	-	9	m	m	-		-	-	*
	≥ 5/16	45	20	20	50	20			34		50	9	9		69	69	71	76	77	11	6	83		8	8	00	85	96	96	86	6	60
		0	m	m	-	w	0	0	~	-		-	-	-	N	F	0	-		*	~	0	-	-	0	m	-	-		-	-	*
	VI Z	42	20	20	20	20	51	53	34	96	39	90	60	19	69	69	7	94	77	1	8	83	90	87	68	90	92	96	96	86	6	60
270		1		2.00	1	m		100		10		-	-	•	7	-	0	-		*	V 6	•	-	4	0	m	•	-	0	-		
	*	45	2	Š	50.	50	51.	53.	24	56	59.	9	90	79	63	69	71.	76.	77.	7	61.	83	9	67	68	06	92.	8	96	98.	2	66
		0			3	Sec	- 24	100	N	-	4	-	-	m	7	-	0	1		a de							200					*
	N N	75	ģ	50.	50.	50.	51.	53.	54.	56.	99.	60.	60	61.	65	69	71.	76.	77.	77.	61.	83	90	17.	69	90.	92.	96.	96.	98.	6	90
						-			2	30			7	m	2	-	0	. 1	*	*	-	0		-				-			-	-
	AI	2	ġ	ò	50.	0		53.		96	6	0	0	.1.	.5	.6		16.	7.	5	-		36.	7	6	0	12.	.9	90	98.		98.
(ILES)		0	7	<u>w</u>	-	3	0	9	2			7	7	8	2: 0	1		1	4	*	3	0	2	-	0	8	3	-	6		2	6
N ST	7	0	9	0	.0	50.	-	3.		.0	.6	0	0	-		6	1:	76.	7	7.	:		9	87.	6	0	2.		.0	98.	8	98.
STATI	^"							200	-		-	7 6			2 6		0	1			8	0	-			0				5		6
VISIBILITY (STATUTE MILES)	7 7	42.									6	0	0	-	5		1.	.0	1:	-	-		•	-						98		
ISIBIL	A1	9	1	2000	1. 1. 1		5	-	2	2	3			3 6	2			1 7		1		0		-				2			6	0
> -	N N		8	0	2	ċ							1					76.						87.						. 4	:	:
		4				8				1.53		0			. 16	7 6			7	1		0						E		0	-	0
	2%					0		-				0	0	-	5.	6	-		7.	7.	-		9	-			1.	3.	3.		•	3.
	ΛI					3			2		- 4	7 6	100	9	0	0	2	1 7	1	1		9			0	8	0	6	30.	0		0
	M Al					0						6	0	-	5.	. 6	100			7.1	1.			87.1	8.	9.0			2.5			
	۸.	•	-	~	-	5	-	8	-		•	•	9	9	9	9			-	-		8		80	80	00	0	0	0		92	
	*					0.3		27	4.2		9.4	0.1	0	•	5.2	9.1	1.0		7.4			3.5										
	Al			13					131	5	100	ŏ	9		6	9		1	1									100	2	80	2	8
	9	0.7				8.4	9.0		2.3	4.2	7.4	-	9.1		3.2	7.7		4.2		5.5		0.0		1.9		3.9		4.5	4.5	4.5	6.5	1.5
	Al	*		*	4	*	*	*	*	120	n		2		9	9	0	1	-	1	-	•	8	8	00			8		80	1	è
	•				5.6	5.8	6.5		7.	9.1				6.1	-		5.8	1.0		2.3			2.4	18.1	3.7		2.0	0.0	0.0	90.0	0.0	0.0
	Al	~	-	*	•	*	*	•	*	•	3	*	5	Š	9	ò	9	1	-	-	-	7	-	7	7	*	8	ě	8	*		
	01	6.5			1.7	7.7	1.7	1.7	1	7.7	-	*		*	0.1	0.	7.0	0.0	0.6	0.0	0.0	0.6	0.6	0.	0.6	0.	9.0	9.0	0.0	9.0	9.0	0.0
Spirate 1	Al	-	7	•		-					4	-	-	-		-	-	-	-	-	"	5	-	5	~	~	5	-	"	-	7	-

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

0

BRUNSWICK, MAINE

NO CEILING

0

VIV 18000 16000

0

VI VI 800 800 800

0

1 V IV

4000

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1500

AI AI

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AI AI

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AI AI

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ALAI

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(FEET)

BRUNSWICK, MAINE

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0

0 0

(FEET)	2	9 11	\$ 41	**	e Al	2 2%	7 1	Y 1%	VI N	Ā	X Al	*	Z.	2 5/16	.×	Al
NO CEILING	7.1	38.7	m -	43.2	43.2	43.2		43.2	43.2	43.2	43.2	43.2	m -	43.	43.2	
18000	8	40.5	1.	91.0		51.0			:	51.6	.i.			51.	:.	2:
	000	7	-:	52.0		52.3	12:	52.3		52.3	52.3	52.3		J RU R	- 20	52.
	000	40.7	100			101	101		101		10	10		56.	10	36.
-	*0	: 3	00.09	62.6	60.7	62.6	60.7	60.7	62.6	60.7	62.6				60.7	62.
9 00 AI AI	0.0	56.1		20	20	20	20	200	20	200	20	200	200	62.	20	62.
1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A	00	58.7	30				50			50	90	50	69.0	69.	50	
3300	7.0	66.5	25	20		31	::	-	*		:-	*	*	*F	3.	* 1:
1 1 2 3 0 0 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A	0.7	::			60	00	00		00	00	00	00	00	80.	00	800
1800 1500	9.7	72.3		79.4	80.7	3.		-6				83.2		81.		
1200 1000	9.7	::	6:		35				m m	-				83.		83.
8 8 AI AI		75.9					+ 0		3:			3.	2.	85.		85.
8 8 8 3	7.0		**		91.0	91.0	::	6 %	0 0		· m	0 m	93.6	93.		93.
88	9.7	78.7		. 0	24	. 4	*			95.9	95.5	90	30	95.		25.
300	9.7	79.4			*	4.			96.8	98.1	98.1	98.1	98.1			98.
80	.,	79.4	87.1	90.3	::	4 4				98.1	4.66	4.66	100.0	100.0	100.0	100

TOTAL NUMBER OF OBSERVATIONS

5703 CEILING VERSUS VISIBILITY JAN 68

BRU	SWIC	BRUNSWICKS MAINE	INE				13	**	-	YEAR				1	. Mos	**
				PERCEI (PERCENTAGE (FROM	-	FREQUENCY HOURLY OBS	P. S.	OCCURRENCE ATIONS)	RENCE		••			S 11 sunon	3.1.
DING						1	VISI	VISIBILITY (STATUTE MILES)	ATUTE MILE	S				- gr		
(EE)	5 41	AI AI	S AI	AI	8 1	12 2%	, Z	×1 × × × × × × × × × × × × × × × × × ×	¥1 Y1	- AI	× AI	* Al	× AI	≥ 5/16	Al Al	0 1
EILING	7.7	38.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	4.0	41.9	41.9	41.9
0008	2 2	45.2		***	4.84	48.4	48.4		4.8.4	4.8	48.4	48.4	+8+	4.8.4	184	18:
0009	8.4	45.2	_	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
2000	3 a	46.5	40.4 1.0	40.4	49.V	50.0	49.7	9.0	100	40.4	50.7	50.4	20.0	50.4	50.7	6.6
0000	4.0	47.7	51.6	51.6	51.6	51.6	31.6	51.6	51.6	51.6	51.6	51.6	91.6	51.6	51.6	51.6
9006	8.4	47.7	52.3	52.9	52.9	52.9	52.9		52.9	52.9	52.9	52.9	92.9	52.9	52.9	\$2.9
8000	4.8	52.3		57.4	57.4	38.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
3	4.0	52.9	58.		58.7	59.4	59.4		29.4	59.4	59.4	29.4	39.46		59.6	59.4
88	0 00	57.4	62.6	63.2	000	64.5	01.0	64.5	000	100	64.5	200	64.5	6.10	96	
4500	8.4	59.	64.	3	65.8	66.5	66.5	66.9	66.5		66.5	66.5	66.5	66.5	66.5	66.3
4000	9.0	60.	-	65.8	66.5	67.1		67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
3500	0.6	63.	-	0.69	70.3	71:0	71.6	71.6	71.0	71.6	71.6	7100	71.6	71.6	71.6	71.6
3000	9.0	99		72.3	74.2	74.8	75.5	75.5		75.5	75.5	75.5	75.5	75.5	75.5	75.5
2500	0.6	67		73.6	75.5	76.1	76.8	16.8	76.8	76.8	76.8	76.8	76.0	76.8	76.8	76.8
1800		70.3		76.1	78.1	78.7	70.4	79.4	79.64	70.0	19.4	10.1	10.	79.6	10.6	10.
1500	9.6	70.		76.1	78.1	78.7	79.4	79.4	79.4	79.4	79.4	2:	79.4	79.4	79.4	79.4
1200	0.6	70.	-	76.1	78.1		79.4	79.4	79.4	19.4	19.4	19.4	79.4	79.4	79.4	79.4
000	9.0	7:	-	77.4	79.4		80.7	80.7		80.7		90.7	80.7	80.7	80.7	80.7
88	0.0	71.6	16.8	4.5	-	90	80.7	80.7	60.7	80.4	80.7	80.4	200	100	80.	000
8	200	71.6	78.	10.4	300		82.6	82.0	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
3	6	73.6		82.6	84.5	85.2	85.8	85.8	85.8	80.00	86.5	86.3	86.5		86.5	96
200	0.6	73.	_	82.6	85.2	85.8	87.1	87.7	87.7	88.4	88.4	88.4	88.4	68.4	88.4	88.4
8	9.0	-	-	83.9	87.1	87.7	89.7	91.0	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3
88	0	74.2		84.9	87.7	4 .	90.3	92.3	65.3	92.9	93.6	93.6	93.6	-	94.2	94.2
3		•	_	000	8/0	* .		76.7	72.9	93.0	100	10.0	0.0	20.0	4.16	97.0
8 -	00	74.2	-	0.40 0.40	27.	000	90.3	76.7	4.24	93.0	1.06	000	000	9000	100	
		•	4	2000	010	1000	70 - 2	7607	76.7	7200	70.0	5004	1000	7004	-	000

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NAVY EASERVOOM

TOTAL NUMBER OF OBSERVATIONS

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BRUNSWICK, MAIN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST	VISIBILITY (STATUTE MILES)	ES	1					
	S VI	o Al	N AI	AI	E AI	1 2%	7	71 72	¥1 A	ŽĮ.	*	*	2 11	2 5/16	N N	O Al
NO CEILING		45.2	47.7			8						6	49.7	49.7	49.7	.64
1 2000	4		•	•	2	2.	-	2	2	2		3	53.6	53.	-	53.6
		48.4		•	2	2		~	2	2		3	53.6	53.		53.6
≥ 16000	11.0	4.8.4		•	2.	2.	-	2	2	2.		3	53.6	53.		53.6
N 14000		48.4		52.3	2.	2.		2.	2	52.9		3	3	53.		53.6
12000	11.0	50.3			;	;			4.			3.	2	55.		
	11.0	52.3	55.5					56.8		. 9	\$7.4	1.	7.	57.		57.1
900 Al		52.3		56.1							1.	7.	7.	8		
	-				-	7.		8	58.		8.	8	8	58.		
900	11.0	55.5		59.4	6	6		0	60.	60.0	0	0		60.		
	-	56.		0	0	0	60.0	0	60.		-	-	-	61.		61.3
2000	11.0	59.4			-	-	1700		63	-	;	+		64.		
	•	9		66.5		9		1	67.	-	-	-	-	67.		
141	11.6	62.6			-	-		8	68.		6			69.		
	-		-		8			6	.69		69	6	6	69		
3000	11.6	65.8		-		-		:	71.	-	72.	5	2	72.		
		66.3	70.3	71.6	71.6	71.6	71.6	72.3	72.3	72.3	45.9	72.9	72.9	72.9	72.9	72.9
7 2000				;					76.	•	77.	-	-	77.		
		69		*	*	*		.0	76.	•	77.		1.	-		
> 1500	11.6	69.							78.		78.			-		
	-					.0			78.		78.	78.7		78.		-
VI 000	11.6	71.			7	7.		6	79.	6	80.	0	0	80.		
8	11.6	71.			8.	8		0	80.	·	800	0	0	80.		80.
						8		0	.09	ò	81.	-		81.		
		71.			8.	8		-	10	-	81.	:	-	81.		81.
8	11.6	72.			0	0			83.		83.		3	83.		
		_	77.4	0	0	0			. 98	:	.85.	5.	5	85.		85.
8	11.6	73.	78.7		2	2		-	.87.	-	88.		8	88.		
		73.	78.7	2				-	.18	6	89.	6	6	.68		89.
38	11.6		78.7			83.2			89.0	91.0	91.	-	91.6	0		91.
92	11.6	73.	78.7			3		6	. 89.	1.	126	2.	2	92.		94.
١٨١	11.6	73.	78.7			3				-	92.	2.	2.	92.		100.
		1									A CONTRACTOR					

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TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE

BRUNSWICK, MAIN

(FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

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	=
	5
	2
	* .
	2
	, I IV

		AI.	30.	50.
	*	AI	445.4	50.1
		≥ 5/16	44.1	50.1
1		-	04	0

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7 Al

M Al

AI

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V Al

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(FEET)

NO CEILING > 20000 VI VI 00081 00081

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VISIBILITY (STATUTE MILES)

VI X	**	50	35	53	57	61
≥ 5/16					57.4	
× ×					57.3	
* 4					59.9	

1	0.0	00	0 5	w 4				
1	10	200	82	53	57	62	\$6	69
					-			
Company of the last of the las	**	43	50	53	500	61	40	69
					MO			
	**	00	50	5 5	59	61	64	69
100	(1858) T. A.		1 100	and the same	20			
-		Lo	95	W 4	20	50	49	69

	5.0				1000-17
34.30	57.3	61.0	64.0	69.0	74.3
54.2	59.8	60.9	64.0	69.0	74.2
	9.7				and the

7		Det Con	2	- 8	-
	00	3	0.0	N.W.	
100 Te	69.	60 00 000	HOLD TO THE STATE OF	1.00	
	69.0	2.0		7	
9	69	76	78	4.0	
6		95	90	0.0	
ŏ	90.	2,2	22	- 8	

59.4 63.4 65.0 65.7 66.0 66.1 64.2 68.2 68.5 70.2 70.2 71.1 71.5 71.6 68.2 68.2 72.9 74.5 73.6 75.0 76.2

3200

0

2500

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1500

AI AI

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ALAI

9.0 57.4 61.3

4500

	-0	-	0	-		ı
					NN	
78	79	818	83	00	93.	
	2		40			
70	408	81	83	99	92	
					20	
		18			22	
						ı
100	40	81	83	80	16	

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TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE

CEILING VERSUS VISIBILITY

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MI	(S3)							
(FET)	0 4	41	SS AI	AI	S AI	2 2%	2 4	¥1 ¥	٧١ ۶٠	- AI	AI N	AI .	Al	2	2 5/16	VI X	N.
NO CEILING		36.0	38.0	38.7	38.7	39.3	40.7	40.4	40.7	41.3	4:13	::	4.4	W.	41.3	-:	W
00091 71	4.5	38.7	-: 0	•	42.0	42.7	44.0			44.7	44.7	45	1 + W		44.7	1.0	45
N 14000		0.0	42.7		0.4	P. 4. 4.	0.94			46.	40.	9 9	14		66.7	9 9	35
900 31 %1	- L	42.7	01.	6.8	8 8	1 6 6 4			50.0	50.7	50.12	50	7 50	r.	50.7	50.	300
7000	7. W.W.	49.0	51.3	53.3			50	55.3		56.0	56.0	56.	10 36		56.0	36.	200
8 8 8 8 8 8	7.3		52.7	54.7	54.7		7.	57.9		58.0	w w	2	2		58.0	58.	10
VIVI 600 000	7.9 6.8	50.0	54.0	56.7	56.7	57.3	59.3	59.3	59.3	60.	00	00	00	100	60.09	60.	9 60
3000		50.7	55.3	58.0	58.7	• •	61.3	66.0		9	62.	62.	00			65.	40.0
7 2000	7.3	52.7	57.3			63.3					00	00	00	-0			
1500		53.3	58.7	62.0		68.3	67.3	67.3	67.3	68	8 8	000	40	01	68.0	68	9 6
1200		54.0	61.3	66.0		67.3	70.7	70.7	70.7	1	72.7	The state of the s		mr.	71.3	71.	17 72
88		54.7	25	66.0	68.0	69.3	70.7	72.0		72.7	73.3	73.	W 0	m 0	74.0	47	W 0
908		54.7	25	68.0	70.07	70.7	72.7	74.0		74.7	75.3	75.	10	00	79.3	75.	27
984		::	62.0	68.7	72.7	73.3	75.3	76.7	76.7	77.3	78.0	80	10 4	r.m	78.7	78.	82 0
88		54.7	62.0	68.7	74.0	74.7	77.3	60.0	80.0	86.0	82.0		0 0	00	84.7	8 8	3 8 8 8 8
80		54.7	62.0	68.7	74.0	74.7	78.0	80.0	90.0	80.7	82.0	85	0		88.0	89.	3 63

NAVWEASERVCOM

BRUNSWICK, MAINE

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

2000

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(9)

	0 Y	38.	41.3 42.7 44.0	* 1	-	3.3 54.7 5	3.3 54.7	7 58 0	8.0 59.3	2.7 64.0	10	5.3 66.7	7.3 68.7	9.3 70.7	5:3 76.7	81.3 63.3 85.3	3.7 86.7 O
	% AI	37.	1.3 41	42.7 42.	45.3 45.	50.	53.3 53.	56.7 56.	58.0 58.	62.0 62.	63.3 63.	65.3 65.	67.3 67.	70.7 70.	4.7 73.	7.3 78.	0.0 82.
ES)	N - N	36.7 37.3	40.7 41.3	0.0	7 45	W. C. C.	5.3 56.	.0 56.	7.3 58.	1.3 62.	2.0 62.	.¥ 64.	6.0 66.	0.0 70.		78.0 79.3	.0 79.
VISIBILITY (STATUTE MILES	21% 21%	36.0 36.0	0,0		O M	48.7 48.7	2.0 52	3 55	9.3 59.	1.3 61.	1.3 61.	4.0 64.	5.3 65.	.3 67.		.7 76.	76.
VISI	≥ 2% ≥ 2	32.7 34.0		0 39	7 42	44.7 46.7	0.0	7 53	- W	.3 58	58.	.0 60	.7 62.	.0 66	.3 68.	4.7 6	4 7 4
	4 Al	.0 32.		7.2	10		7 47	3 50	9.3 50.	2.0 54.	7 54	3.3 56.	5.3 58.	7.3 61.			2 63
ang sa	\$ AI 9 AI	-	33	134	97	34.7 41.3	4 4	44	10	3 50	50	7 51	0 52.		10	-	
O	01 71	7.3	me	100	9	2000 7 2 3	9	100	10 10	00	00	00		00	00	00	3
CEILING		NO CEILING	VI VI		1	NI AI			N N	NA	MM	MM	AIAI	VIVI		MAIA	

NAVWEASERVCOM

0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY JAN 68

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

BRUNSWICK, MAINE

HOURS (LS.T.)

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CEILING							VIS	VISIBILITY (STATUTE	ATUTE MILES)	LES)					(2) P 140.00	
(FEET)	5	9 11	S) Al	4	e Al	≥ 2%	AJ	× ×	% AI	Ā	N %	* 11	N X	≥ 5/16	N AI	O AI
NO CEILING			37.3	38.0	39.3	39.3	39.3	40.0	40.0	40.	40.0	40.0	40.0		0.04	*0
			•		0.44	44.0	1			. 50	000			4	•	*00
00081 VI VI	900	38.7	42.0	42.7	0.0	44	000		***	44.	000	000	0.0	0 0	0 4	
			4.2	•	•	•		•	•	4 6	46				3	9
12000	. 1	40.0	. 4	4	45.3	45.3		46.0	46.0	46	4.7		47.3	47.3	•	
			4				1			69	50.		0		0	50.
0006				40.0	47.3			6.4		50.	31.	-	51.3	-	-	51.
			June				è			52.	54.	*				
7000	A					54.0	3			56.	58.			8		
		45.3	50.7		53.3				56.7	56.	58.			58.0		58.
2000					;		;			58.	60.				0	
							56.7		6	59.	60.	0		0	0	
0007 AI	2 1				57.3				-	61.	62.			2.	2	62.
					8	6	.6	1.	2	62.	63.	3.			3.	
3000					8	0.09	0	2	6	63.	64.	;				
1		52.0	200		0		2.			65.	.99		66.7	66.7	.9	.99
> 2000					. •	•	9			.99	68.			8		
			me.		2.		3.		6.	66.	68.	8		68.0		
> 1500					64.0	65.3	5	8	8	68.	70.				0	
1			60.			0.99	. 9		6	.69	70.	0		70.7	0	70.
7 1000			60.	-		66.7				70.	72.	2		72.0	3	72.
0% 1			1				7.	71.3	3.	1	73.		73.3	73.3	73.3	73.
08 AI			60.						72.7	72.	74.			74.0		74.
		*	.09	2		68.0	. 8			74.	75.			75.3		75.
N 400	5.	54.7	61.	2.			8.		74.7	74.7	76.			76.7		76.
		*	61.		68.7	70.7	1.	76.7		78.	80.	0				80.
V 400	6.0	3.	0	1500	69.3	71.3	2.	78.0	6	80.	82.			82.0	12.0	82.
			62.	64.7		72.0	72.7		80.7	11	85.	85.3		9	•	86.
> 200		55.3	2.	64.7	70.0		72.7		5	86.	90.	ò	0	91.3		92.
V 100	8.0	55.3	62.0	64.7	70.0	72.0	72.7	80.7	82.7	86.0	90.0	0		1200	;	98.
		55.3		64.7		72.0	72.7		82.7	86.0	90.	90.7	91.3	92.0	4.46	100

0 0 0

0

TOTAL NUMBER OF OBSERVATIONS

0

CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS

FREQUENCY OF	FROM WHILLIAM WOLLEW WOLLE WOLL WOLL WOLL WOLL WOLL W
	FROM SECTION OF SECTIO

CEILING (FEET)

NO CEILING

VI VI 00091

BRUNSWICK, MAINE

HOURS (1.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) CEILING VERSUS VISIBILITY

CEILING	,						VIS	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	9 Al	S AI	AI AI	e Al	> 2%	7	71 71	¥1 VI	Ā	¾ Al	*	Z Al	≥ 5/16	VI N	
NO CEILING	7.0	33.3	37.3	37.3	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	200	00
V 18000	8		18.7	18.7	•	36	3 8	20	20		0				10	1
14000	8.7		48.7		49.3		50.7	50	50						7	
	8.7		50.0		ò	2.	2.	52.	52.		2.				8	
≥ 12000	9.3	46.0	50.7			2	2.	52.	52.		2.	2:			-	
N 10000		48.0	53.3	53.3		5.	5.	55.	55.	5.						
000			53.3		-	3	3	55.	55.	3	3	5				
135		-2/14	57.3			6		59.	59.	6	6	6				
> 7000			57.3					59.	59.			6	6	6	191	
		50.	1:			9.	6	59.	.65		6	6		6		3 5
2000		51.				0	0	60.	.09	0	0	0	0	0	•	
		51:				0	0	60.	-09	0	0	0		0		0
14	-	52.			å	2	2	62.	62.	2	2.	2	2	2.	•	9
		52.			1.	2.	2.	62.	62.	3.	2.	3	2.	2.	•	9
3000		56.						68.	68.					8	9	4
		58.			6	0	-	71.	71.	-	-	1.	1.	1.	1	3 7
× 2000		62.	2.			;	3	75.	75.	3	3		3.	3.		3 7
V 1800	10.7	62.0	72.0	72.7	3.		3.	75.	75.		5.	3			San	3 7
> 1500		65.	5.		.9			78.	78.	8				8	1	7
	-	.99	.9	8.		0		80.	80.	0	0	0	0	0	0	0
V 1000		68.			0	2	2	82.	82.	2	2	2	2	3	8	0
		68.	6	0	1.	2.	3.	84.	84.	;	+	;		;	8	0
008 AI	10.7	68.	0	-	2	3	*	85.	85.	3		S		2	8	8
		69.	-			3	.9	87.	87.						80	8
009	10.7	70.	2.	3.	;		-	88.	88.					8	0	8
		71.	+				.0	92.	92.	+	*		;	;	0	0
N 40	10.7	71.				6		93.	93.	3			0	•	0	0
		71.	;	•			-	94.	94.		-	-	-	-	0	<u>m</u>
N 300		-	:			6	-	94.	94.	8			0	6	6	0
8 Al	10.7	71.3	*			89.3	1:	7.46			8	7.86		0	-	010
		-	;			6	-		;	8		98.7		0	2	-

0

TOTAL NUMBER OF OBSERVATIONS

HOURS (LS T.)

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BRUNSHICK, MAINE

		m	-	101	~	101	9	-		m	0	0	-	0	-	0	-	0	1	-	1-1	0	-	0	-	-	9	241	-	0	101	m	0
	٨١	5	5	33	33	53	34.	54.	55	59.	ò	60	200	52.		58.	*	76.	78.	8	3	82		*		86.	8	7	93	96	66	66	d
		M	-	M	-	-	0	-	-		0	0			7		-				-		~	0	-	-		m		0	-	m	3
	×	5	-		3.	3		*	5		d	0	0	62.			4.		8														0
	۸I	*	3		5	8	~	5	5	_			_		_	_	_	La Company	-		80			80	8	00		0	6	0		0	9
	5/16	5.3	3	3.3			4.6		5.3		0.0	0.0		2.0		8.0		9.0		8.7			6				8.0	-	3.	0.0			0.0
	Al	*	2	1	5	5	5	3	2	3	ō	ō			ò			-						8	8			0	6	0	0		9
	72					· ·	.0	.7						.0	-			-											•	0		-	
	Al	45	53	53	53	53	24	54	5	58	9	3	9	62	99	68	7	10	18	18	8	8	8	4	84	8	8	91	6	6	6	98	6
		m	-	•		~	_	-	_		-	0	_	0	-		-	0	_	-	-	-		0			0	1	•	0	-		
	۸I	45	53	53	53	53	54	54	55	29	9	9	9	62	99	89	74	10	18	78	8	82		8			88	3		8		98	
		m	~	m	~	m					1	-		0	_	1				-			m	0	-	~	0	m	3	175	0	0	0
	AI	12	23	23	53	53	34	54	25	29	20	90	9	62	64	68	74.	10	18	18	81	82	83	84	94	86	88	91	66	95	86	86	86
		m	-	(1)	~	m	0	1	-	M	a	0		0		0		0	-	-			1	0	-		0			•		0	
	- AI	5	-	*	3.			4.	3		0		0		4.		4.						3	*	4		8		3.	3		*	-
ILES)		4	"	*	-		5	7 5	2		9	0			7			3 7	7				7 8	8		8	8	5	6	0	6	0	5
VISIBILITY (STATUTE MILES)	17	5	3		3	3.								62.				5		•								6	-	0	2.		2.
TATU	AI	*	-	5	-	8	~	2			-	1		Liber			-		-	-	140	30	80	*	80	8		8		0		0	
Y (S	11%	.3				. 3	.0					0.0						. 3					0							2.0		2.0	•
BILIT	ΛI	*		10		5	3	3	3	39	ğ			62	9	3	1	7	78	7	8			8			8			6		6	
VIS	2		-	19			0					0												0								50	•
	Al	45	53	53	52	53	54	36	55	59	60	90		62	99		74	74	77	77			8	8		00		88		89	89	89	
	~-	F.	-	1	-	F.	~	0	-	0	-	F.	6	-	3	1	-	3	0	0	0		0		~		~	0	3	w.		~	m
	1 2%	44	52	52	32	52	53	5	54		58	58			63	99	72	73	70	16	78	78	80	80	8		83			2	87	2	
		-	-	-	-	1	-	0	-	0	1	-	•	-	3	~	1	0	0	0	0	-	0	0	-	0	-	~	3	m	3	3	3
	AI N	*	32	52	52	52.	53	34	9	58.	58	58	99	90	53		72.	73.	76.	76	78	78	80	80	80	82		84		-	85	85	85
		-	-	-	-	-	m	0	-	0	-	-	6	7	7		0	1		1	1	6	-	-	6	-	3			-	-	-	-
	AI	4	2	2	2.		3		4	.8	8	8	6	.09	2	9	0	0,	2	12.	14.	15.	. 9	.0	-	78.	6	.09	0	80.	0	80.	
		6	2	-	7		30	0	7					7		10				0		100								~			2
	50													58.																			.0
	AI		- 1	2										-		- tank	6						100	-					_ 1				
								8.0																									
	Al	4	4	4		3	4	3						54																			0
	9							1000	200		0.00	1000	- 1000	0																			
	Al		Œ	80	20	00	00	80	00	00	0	100	•	10	10	10	10	10	10	20	10	10	2	2	10	10	2	10	2	9	9	2	3
		9				-		-		-		-			0			-		-		-		-		0							
CEILING	FEET)	CEILING	20000	18000	1600	1400	12000	000	900	8000	700	9009	200	450	4000	350	3000	2500	200	1800	150	1200	8	8	8	78	8	900	9	30	2	8	
2	=	Q Z	M		٨į		٨į		M	AI	Al	A	۸ı	A	٨I	A	۸ı	AI	۸ı	Al	۸ı	Al	A)	A)	A)	Al	A)	Al	٨١	Al	Al	Al	^1

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(6)

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TOTAL NUMBER OF OBSERVATIONS

0

0

150

NAVWEASERVCOM

0

0

0.

CEILING VERSUS VISIBILITY JAN 68 5703

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1 0 HOURS (1 S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

BRUNSHICK, MAINE

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

BRUNSWICK, MAINE
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST.	VISIBILITY (STATUTE MILES)	(2)						
(FEE)	01 2	9 11	\$ AI	4	N AI	1 2%	12	7 7	YI Z	Ā	* Al	*	Z Al	≥ 5/16	× Al	O Al
					40.	0	42.	2	2		~	2			42.7	
> 20000			44.0	-		4	40	0		4	. 3				a	50.0
	8.7	38.0			*	48.0	49.3		50.0	50.0	50.0		50.0	50.0	50.0	
00091 ₹			44.0	45.3	47.3		49.	0		0	0	0	0	9	0	
		-					50.	0		6	0		0	0		50.7
12000			46.7	48.0	50.0		52.		2			2	2	2	2	52.7
				50.7			54.	5		55.3	5		2	3	3	55.3
900	8.7	43.3	50.0	51.3	53.3	54.0	55.		9				56.0	6.		56.0
10000			52.		55.3		57	58.0		•		8.		8.		58.0
× 7000	8.7	47.3	4.00	55.3	57.3	58.0	59.			60.0		0	0			
- "			55.		8	6	•09	1.	-		1:		1.	61.3	1.	61.3
2 5000	8.7	48.7		57.3	59.3		61.	62.0		2	7	2	2	2.		62.0
			56.		0		62.	2.	2	62.7	62.7	2.	62.7		2.	62.7
904	8.7	6		0			64.		64.7			64.7		64.7	64.7	64.7
		52.	.09	2.	35	.0	9			8.	8.	68.0		8.	8.	68.0
≥ 3000	8.7	56.			68.7	6	710	72.0	72.0	2.	2.	2	72.0	72.0	72.0	72.0
		56.	64.	0			71.				_	2.	72.0			72.0
≥ 2000	8.7	56.	64.	.99	69.3	0	72.	72.7	72.7	72.7	72.7	72.7		72.7	72.7	72.7
V 1800		56.	64.	•	69.3	70.0	72.					2	72.7	72.7	72.7	72.7
	8.7	56.	65.		70.0	0	75	3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 1200		56.		9	•	71.3	73.	;	74.0	74.0	_		74.0	74.0	74.0	74.0
		97.	.09	70.			76.	9		76.7	_			76.7		76.7
8	8.7	58.	67.	70.	73.	*	76.			77.3	-	-		77.3	77.3	77.3
		58.	-	71.	74	74.7	77.3		78.0	78.0	-		78.0	78.0	78.0	78.0
200		58.	68.	71.	74.		77.	78.0			78.7			78.7	78.7	78.7
99 1	8.7	58.	68.	72.		5	78.		78.7	79.3		6	6	79.3	79.3	79.3
98		58.	68.	72.	76.	.0	7						0		80.7	80.7
	8.7	58.	69.	73.	-	8	81.	2.	82.0		2.	2.	2.		~	82.7
		58.	69.	73.	1	8.	82.	82.7		3		83.3	84.0	84.7	85.3	85.3
1 20	8.7	S	69.3	73.3	77.3	78.0			84.7		0				0	90.0
8	8.7	58.	69	73.	-		82.	84.7	84.7	86.0	86.7	87.3	89.3	92.0	0.46	96.0
		58.	69.	73.	77.	8	82.	3	3	3	3	-	6	2.	3	100.0

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

CEILING VERSUS VISIBILITY JAN 68

CEILING VERSUS VISIBILITY

BRUNSWICK, MAIN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEE)	2 1	٥ ٨١	\$ AI	AI AI	N AI	N 2 N	1 2	¥1 Y	¥1 Y	- AI	* AI	* 11	N %	≥ 5/16	× AI	0 11
NO CEILING		10		37.9	38.4	38.8	39.3	39.8	39.8	39.9	0.04	40.0	40.04	40.0	40.2	40.3
14000	900	7.6	43.3	64.3	45.1	45.7	46.3			8.04	47.1				47.3	47.4
				45.3		46.7	47.3	47.7	47.7	47.8		48	48.	48.1	48.3	48.4
	000			10.0	0.00	50.6	51.2	51.7	51.8				52.2	525	52.3	52.6
1		-		53.0			55.3	55.9						56.	200	
000g Al Al		-				56.	-0	20	58.2	58.3	58.6	. 0	58.6	58.	58.8	59.0
VI VI 0004		00	55.6	56.9	59.3		59.7	60.3						00	13.5	
3300		0 N		59.6	04	61.	20	W.	63.7		+ 0			68.	68.	
17 17 2000		0		9 10	91	689	86			- The Control of the		6 -	6 -	69.		70.1
	000	56.3	64.8	500	69.3	70.	6-	000		-2.			-10	72.	12:	
N N		00	00.0	. 6			74.5		200	76.0				-		
8 8 AI AI	-	20	68.1	70.8			76.5	10					- 8	~	79.0	
8 % AIAI		0 -	68.4	72.1	74.5	75.4	- 8	78.9		80.8	80.3	80.3	80.3		80.5	80.8
9 9 4 AI AI		6		73.3	77.9	rr	80.8	84.0	82.8	83.8	84.4	86.2	86.4	00	84.8	87.0
300		40	6.69	73.8	78.3	79.6	82.7	85.4	85.8		90.06	91.16	91.8		92.9	99.8
91 VI		00		73.8	78.3	79.7	83.0	86.4	87.0	89.5	90.0	91.3	92.3	93.8	95.2	100.0

0

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TOTAL NUMBER OF OBSERVATIONS

1200

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

AI

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Al

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Al

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2

(FEET)

NO CEILING > 20000 18000

14000

ALAI

AI AI

900

AI AI

0

2000

AI AI

2000

AIAI

3300

MIM

0

4500

AI AI

0

2000

ALAI

1800

AI AI

0

1200

AI AI

0

88

AI AI

88

AI AI

88

AIAI

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88

AIAI

A

64.5 65.8

45.22 45.52 45.53 45

65.8

65.5 68.4

61.0 00.00

73.6

200001777

66.5 67.7 71.0 72.8 74.2 75.8

73.6

78.1

77.4

74.2 71.0

75.5 73.6 75.5

72.9

63.2 67.7

76.1

78.7

78.1

76.1

76.1

73.6

76.1

76.1

76.1

78.1

76.1

76.1

76.1 76.1

76.1

78.1

78.7

81.3

80.0

78.1

76.8

76.8

77.4

155

TOTAL NUMBER OF OBSERVATIONS

80.0

80

VI VI

(2)

NAVWEASERVCOM

0

BRUNSWICK, MAINE

PERCENTAGE FREQUENCY OF OCCURRENCE	(FROM HOURLY OBSERVATIONS)

BRUNSWICK, MAINE

CEILING																
(FEE)	N 10	9	\$ \$1	AI	E 4	%2 ≥	7 7	¥1 Y	×1 ×	1 2	% AI	* 11	X AI	≥ 5/16	× Al	٨١
NO CEILING	4.5		29.7	33.6				38.1	38.1		41.	41.3		*	41.	
1× 20000	4.5	31.0	34.8	39.4				43.9	•		47.	47.	47.	48.	4	•
≥ 18000	4.5		34.8		•			43.9			47.	47.	47.	7 48.4		40.
	4.5		34.8		•						47.	47.	47.	*		•
≥ 14000	4.5	31.6	3.								48.	48.	48.	49.	49.	*
> 12000	4.5	33.6	2		42.6		45.2				50.	50.	50.	51.	51.	8
	5.2		41.9					-	-	3	54.	54.	54.	55.	55.	
000	5.2	38.1	42.6			-	K .		2	;	55.	55.	55.	56.	56.	-
		40.7	45.2		0	6	3			.0	58.	58.	58.	58.	58.	2
900		41.3				-				60	609	60	60.	-09	.09	
	5.2		47.1	51.6	52.3	52.3	54.8	56.1	56.8	6	60.	0	90		61.	
2000		42.6		2	3					-	62.	62.	62.	63.	63.	
		42.6		2.		3	56.	8		-	62.	62.	62.	63.	63.	0
> 4000		44.3					59.	:	2.	3	67.	67.	67.	67.	67.	0
100						0	59.	-	2	3.	67.	67.	67.	67.	67.	
> 3000		47.1	•	1:	8		61.	;	5	-	69	69	69	70.	70.	-
≥ 2500	5.2	49.0	55.5	0	-	-		67.7	8	-	72.	72.	72.	73.	73.	1
		50.3		-	3	3.	66.			2	74.	74.	74.	74.	74.	-
				-	3.	3.	66.	6	6	2.	74.	74.	74.	74.	74.	75
> 1500		50.3		-	3		66.			2	74.	74.	74.	74.	74.	
				-	3.	3	99	6	6	2.	74.	74.	74.	74.	74.	-
000	5.5	50.3		-			66.	6		2	74.	74.	74.	75.	75.	
				1.	3	3.	.99	6	6	2.	74.	74.	74.	75.	75.	-
008 ~	5.2	50.3		-			.99	69.0		2	74.	74.	75.	1	76.	-
			.0	:	3	3.	67.	6	0	2	75.	75.	76.	76.	76.	-
009	5.2				3		67.	6	0	2	75.	76.	76.	77.	77.	-
900	5.2	50.3		-			68.	-	3	*	77.	1	78.	-	6	
2 400	5.2		56.8	61.9		3	68.	71.6	3		78.	79.	80.	00	-	•
36			56.8		63.9	64.5	•	73.6	•	78.7	81.9	83.2	85.2	80	85.8	8
				-		*	.69				81.	83.	86.	-		
81	2.5	50.3	26.8	61.9	63.9	64.5	69.7	73.6	74.2		-	83.	87.	00		
											,					

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

BRUNSHICK, MAINE

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TOTAL NUMBER OF OBSERVATIONS

0	0	() 1			-
CEILING	VERSUS	VISIBILITY	JAN	68	=
			100		

				PERCE!	INTAGE FREQUE!	FREG	PERCENTAGE FREQUENCY (FROM HOURLY OBS	Y OF (NCY OF OCCURRENCE OBSERVATIONS)	RENCE 3)		HHIS DAGE IS RECT OFFICE TWO DEACHLOADER	10 E048	AT TWO	HOURS (LS.T.	5.7.5
CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	(S)	FROM C	FROM COPY FURNISHED TO DDC	NISHED	TO DDC		
(FEE)	5 1	9 11	N AI	4	8 AI	> 2%	N N	¥1 Y	¥1 Y	Ā	* AI	*	% Al	≥ 5/16	X AI	0 1
NO CEILING	9.0	38.	41.9	45.2	\$6.5	\$1.6	46.5	51.6	51.6	52.3	47.1	52.3	52.3	52.3	47.1	47.1
00081 YI YI 000061 YI		6.0	45.8	0.04	21.0	51.6	51.6	51.0	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3
Y 14000	0.0		-	19.7	51.6	52.3	52.3	52.3	52.3	52.9		52.9	52.9	52.9	52.9	52.9
VI VI 0000 0000 0000	44	4.	52.9	56.1	58.1	58.7	58.7	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4
VIVI 7000	2.4	52		59.4		61.9	61.9	61.9	61.9	25	62.6	62.6	62.6	25	62.6	62.6
0009 A1 A1		54.2		61.9	63.9	65.2		64.8	64.5		65.2	50	65.2	65.2	65.2	65.8
VI VI 0004	4.4	54.8	59.4	20	64.5	65.2	65.2	65.2		in		65.8			50	68.4
3000	4.3	N 80	62.6	CORP.	30		00			70.3		71.0	71.0			68.4
12 2000 12 12 2000	4.5		62.6	65.			69.0	6.6	69.0	70.3	70.3	71.0	72.3	71.0	•.	71.0
1800	4.4	58.1	63.9	66.			70.3	60	70.3	71.6	71.6	72.3	72.9	72.9	72.9	72.3
V 1 V 1200	4.5	100	64.5		70.3	71.0	72.9		72.9	73.6	73.6	74.2	74.2	74.2	74.2	74.2
908 AIAI	4.5	59.4		68.4	70.3		72.9	72.9	72.9	75.5	75.5	76.1	76.1	76.1	76.1	76.1
V V V	4.5		5.	69.0	71.6		74.8	76.8	76.8	90.0	80.0	78.1	80.7	78.1	78.1	80.1
VIVI 400	4.5	_	67.1	71.0	74.2	76.1	80.0	79.4	81.3	83.2	83.2	83.9	83.0	86.9	83.9	83.9
300	4.5	61.3	67.1	71.0	74.2	76.8	80.0	81.9	81.9	89.0	89.7	90.3	91.0	91.6	92.4	92.3
71 YI	4.5	61.3	67.1	71.0	74.2	76.8	80.0	81.9	81.9	89.0	89.7	90. H	91.0	92.9	95.5	100.0

2222

AI

TOTAL NUMBER OF OBSERVATIONS

81.9 V VI 9 72.9 72.9 7 60.0 60.0 60.0 60.0 60.0 60.0 Al ٨I VISIBILITY (STATUTE MILES) 60.0 7 7 ¥ 2% 60.09 Al 11 51.6 58.1 ٨١ 1:1 NO CEILING VI VI 00091 0000 ≥ 20000 1500 CEILING (FEET) V 1 V 12000 900 900 900 2000 2000 4500 4000 3500 2500 120 88 80 88 88 88 AI AI ALAI ALAI

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BRUNSWICK, MAINE

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY JAN 68

CEILING VERSUS VISIBILITY

BRU	NSWIC	BRUNSWICK, MAINE	INE				1	73-77		YEARS	2			1	
				PERCEI (NTAGE	FREG	UENC ILY OF	PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	OCCUR	RENCI					2
BILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)					
(FEET)	2	9 11	8	1	e Al	2 3 2 2 2 2 4	2 1	21 71	¥1 VI	-	*	* 1	Z AI	2 5/16	Al
CEILING	7.7	48.4	51.6	92.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52
16000	7.7	54.2	58.1	60.0	60.7	60.7	600.7	60.7	61.3	60.7	61.3	61.3	60.7	60.7	95
14000	7.7	54.6	58.7	60.7	61.3	61.3	61.3	7.7 54.8 58.7 60.7 61.3 91.3 61.3 61.3 61.3 61.3 61.3 61.3 61.3 6	61.3	61.3	61.3	61.3	61.3	61.3	99
10000	7:7	56.8	619	64.5	65.8	65.2	65.2	65.2	65.2	65.8	65.2	65.2	65.2	65.8	69
-		7 48	42.2	4	1.1.7	4 47	1111	4 67	47 7	4 4 7	F.7.7	47.7	47.7	47.7	

										1						
(FEET)	2	9	\$ 41	1	e Al	> 2%	AI	71 %	71 71	Ā	% Al	*	N %	2 5/16	VI NI	Al
NO CEILING	7.7	40.4	51.6			2	52.	52.		2		52.	52.	52.	52	
× 20000	7.7	54.2	58.1	1.0			600	60	- 3	6	4 3	.09	60.	60	60	
	7.7	84.2	58.1		200	6	600	.09		6	S	.09	.09	.09	9	
N 16000	7.7	54.0	58.7		10.00			19		100	N	61.	61.	61.	10	
	4.4	54.8	58.7	1				6.1	1		2 1	61.	61	61.	61	
12000	7.7	24.1	58.7					3			4	61.	5	61.	5	
	7.7	54.8	61.0	1	100		6.6	6.5				65	65	68	65	1
900	7.7	26.8	61.9		100		9	6.9			2 5	65	65	65.	6	
1	7.7	87.4	63.2		120			6.7		1	4.	67.	67.	67.	67	
7000	1.7	37.6	63.2					27.9			4	67.	67.	67.	6	
1	7.7	58.1	63.9	1.10		00	68.	68				68.	.89	68.	9	
2000	7.7	58.7	65.2				60	69			200	69	69	69.	69	
> 4500	7.7	58.7	65.2	10			69	69		6		69	69	69	69	
4000	7.7	60.0	67.1		1	~	75.	72.		2		72.	72.	72.	72	
> 3500	7.7	60.7	67.7	17.75			73.	73.		-		73.	73.	73.	73	
3000	7.7	64.5	72.3				78.	78.				78.	78.	78.	7	2
	8.4	66.5	74.2			0	81.	81.		1.		81.	.10	81.	81	
≥ 2000	8.4	67.1	74.8			-	8).	81.				81.	81.	81.	81	
≥ 1800	8.4	67.1	74.8				81.	81.				81.	81.	81.	81	
1500	9	70.3	79.4			-	87.	8			2	3	98	:	2	
1200	9.6	71.0	80.0		-	-	88.	89.				89.	89.	89.	88	
1000	8.4	71.0	80.0				89.	89				89.	89.	89.	8	
906	8.4	71.0	80.0	1			89.	.68				.69	89.	89.	89	
900	8.4	71.0	80.7				89.	90.		6		90.	90.	90.	90	-
	4.8	71.6	81.3	2.00		6	90.	91.		-	. •	91.	91.	91.	91	
> 600	8.4	72.3	81.9			0	91.	91.		-		91.	91.	91.	91	
2 500	8.4	72.3	81.9			0	91.	92.		2.		92.	. 92.	92.	92	
400	8.4	72.3	81.9			d	91.	92.			•	94.	94.	94.	94	
300	8.4	72.3	81.9	85.2	90.3	91.0	92.3	94.2	94.2	95.9	1.96	96.1	96.1	96.	1 96.1	9
	8.4	72.3	81.9	-2/		-	92.				•	96	97.	98.	66	-
90	8.4	72.3	81.9			-	92.	:				9	2	98	5	-
2 0	8.4	72.3	81.9			-	92.	94.		.9		96.	97.	96	6	

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE

BRUNSWICKS MAINE

(FROM HOURLY OBSERVATIONS)

A

٨I

N Al

11

A

(FEET)

0

0

NO CEILING > 20000 VI VI 0009 1 4000

0

61.9

7.1 50.3

14000

9000

2000

2000

AI AI

VISIBILITY (STATUTE MILES)

AI

76.1

76.1

76.8

75.2

91.0 86.5 86.2 86.5 91.0

85.2 86.5

7.1 65.2

200 100 100 100

MINI

0

7.1 67.7

88

Ał Ał

88

AI AI

:

88

AIAI

7.1 64.5

7.7

2500

AI AI

0

-

1500

AI AI

69.0

3000

AI AI

0

0.09 7.1 61.3 63.6 64.5

50.09

7.1

450 450 450

MINI

91.0

95.2 95.5

93.6

94.2 95.5

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

80

AI AI

28

MINI

0

HOURS (LS.T.)

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

BRUNSWICK, MAINE

0

0

0

CEILING							VISIA	BILITY (ST.	VISIBILITY (STATUTE MILES)	SS						
	5 4	٥ ٨١	N AI	AI AI	e Al	> 2%	AI	71	77	<u></u>	× Al	* Al	% Al	≥ 5/16	N N	O Al
NO CEILING		39.	43.2	45.2		47.1	7		47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
> 20000		46.	51.6		56.1	56.1	56.8	56.8	56.8	57.6	57.6	57.4	57.4	57.4	57.4	37.6
		46.	51.6	54.2			;		56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4
00091 ₹		.09	51.6	54.2	56.1	56.1			56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4
	-	47.	52.9	55.5		58.1		58.7	58.7	59.4	9.	59.	59.4	59.4	59.4	59.4
≥ 12000	5.2	48.	54.2	56.8	58.7	59.4						600		60.7	60.7	60.7
N 10000		51.	58.1	·		63.2	3	63.9	63.9	64.5		. 49		64.5	64.5	64.3
		52.	59.4		63.9					9	0	.99	9	9	0	66.5
0008 A	5.2	54.	61.3			67.1		4.89	68.4	69.7	69.7		6	69.7	69.7	69.7
		54.		65.8	68.4	6		0	70.3	-	1	71.	-	3	-	71.6
1 100		55.	62.6				•		1.		72.3	72.	2.		72.3	72.3
2000		56.	64.5		71.0				72.9	74.2	74.2	74.	74.2	74.2	74.2	74.2
		58.	65.8	69.7	2.	2				75.5	75.5	75.	75.5	75.5	75.5	75.5
141	5.2	60.	67.7		74.2	4	75.5	1	76.8	78.1		78.	8	78.1	8	78.1
		-09			76.1	76.8	7		8	0	0	80.	80.0			80.0
> 3000		62.		77.4	80.0	0			82.6	84.5	85.2	85.	5	85.2	85.2	85.2
> 2500	5.2	62.	72.9	77.4	80.0				2.	84.5	5.	8	85.2	85.2	85.2	85.2
> 2000		63.		79.4	82.6	3.		2				1:	87.7			87.7
> 1800		63.		79.4	82.6		83.9	85.2	5.	87.1	87.7	87.7	87.7	87.7	87.7	87.7
1500		. 99		80.0	83.2	-	•	3	85.8	87.7	88.4		88.4	88.4		88.4
		64.			83.2	3	:		3		88.4	88.4	88.4		88.4	88.4
N 1000		64.		80.0	83.9	4.					69.0	•	0	89.0	89.0	89.0
00 AI		65.		80.7	84.5	85.2				89.0		89.	89.7	89.7	89.7	89.7
		65.	75.5		3		-	6		91.0	-	91.	-	-	-	91.6
		65.		:		87.1				-	92.3	92.		92.3	92.3	92.3
009	5.2	65.	76.8		87.7	8	0	1.	91.0	92.9	3.	93.		93.6	3.	93.6
		.99	77.4	3.	89.7		1.		92.9			6				96.1
2 400	5.2	. 99	77.4		90.3	-	2.	3		96.1	96.8			96.8		96.8
38		.99	77.4	84.5	90.3	-	2		•		96.8	96.8		96.8	8.96	96.8
1 200		66.	77.4	84.5	0	-	92.3			96.8	-	97.4	-	97.4		97.4
VI 85	5.2	66.5	77.4		90.3	91.0	92.3	94.2	94.2	96.8	97.4	97.4	98.1	98.1		99.4
		66.	77.4	84.5	90.3	1	2.	,		96.8	97.4	97.4		98.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

0

0

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

5703 CEILING VERSUS VISIBILITY JAN 68

VI VI

≥ 5/16

2 ٨I

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7 2%

N Al

٨١

N

A

2

(FEET)

NO CEILING

¥ 2000

VI VI 00081 00081

VISIBILITY (STATUTE MILES)

1001

76.1

74.8

72.3

73.00

68.8

N N N N

3000

AI AI

0

450 450 450

ALAI

0

66.5

61.3

900

ALAI

72.3 72.3

70.3

67.1

65.5

51.0

12000

AI AI

9000

AI AI

7000

ALAI

0

80.7

84.52 84.52 84.52 85.22 85.22 85.23

82.6 82.6

82.6

80.7

69.7

63.5

5.00

2000

AI AI

69.7 63.9 69.7

90 ST

AI AI

0

8 8

88

ALAI

8888

88

ALAI

88

AIAI

5.8

88

AI AI

80

ALAI

88

ALAI

8

80.7 83.6

85.2

85.2

85.8

85.2 85.2

91.0 86.5 85.2

155

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

BRUNSWICK, MAINE

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BRUINSMICKS MAINE

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILI	£S)						
(FEET)	2 1	9 11	× 11	4	N AI	Y 2%	7	YI %	YI %	Ā	≱ Al	*	Z Al	≥ 5/16	× AI	O Al
NO CEILING	5.7	40.0	43.0	45.5	46.9	46.9	47.5	47.7	47.7	4.84	48.0	48.6	48.6	48.8	48.8	49.0
3007		44.0		4	53.3	-	5401		36.4	55.2				3	4	
N 18000	5.7	44.9			3	53.5	54.1	34.4		55.2	55.4	3		55.6	3	
	5.7	- 1		51.8	53.4	3	54.9	34.4	54.5	55.2	55.5	100	55.5	55.7	55.7	55.8
	5.7			2.		*	;	55.1		55.9	56.1				56.3	
× 12000	2.7		50.2	6	84.8	55.1	55.7	1100	56.1	56.8	57.0		57.0	57.2	57.2	57.3
	0.0			1000	59.3		6	0		61.2	61.5	61.5		:	•	
0006 AI	6.1			8.			61.5	61.9	-	62.7	2	2.	2.	63.1	63.1	63.2
		52.7				63.8			64.8	3.	65.9	68.9			66.1	
1 7000	0.1			63.2				66.7		67.7	67.9	-	1	8	68.1	68.3
		54.6	59.7	63.7	65.8	9	6.99	7	7		4.89	4.89	4.89	68.6		68.7
2000	6.1			64.7		7.		8	68.3	6	6	6		6	69.6	
100				65.2		67.7	8.			8.69		0				
N 4000	6.1	-				6	70.5	-		2.	2	2		72.7	72.7	72.8
> 3500							-	1:		3.		3.		•	73.6	73.7
	6.1				•	3		5	•	76.7		1:		77.3	77.3	
> 2500			67.2	71.7		75.2	76.2	76.9	77.0		78.5	78.6		•	78.7	78.9
	6.1	_				9		8		9.					19.9	
> 1800	6.1	61.0	•		•	.0	2.	8.		79.3	6	6			79.9	
- 1	6.1	-				8		0		-		2		2.	82.5	82.7
1200					•		ò	80.9		82.1	2.	2.		2.	85.8	
	6.1	-	70.2			6		1	2.			83.9	83.9			84.2
8 Al	6.1	63.0	10.4	75.4		80.1	81.3	85.3	3.		*	;		84.4	84.4	84.3
	6.1	-			•	0	-	2			*		;	85.1	85.1	85.2
	6.1					81.0		3		84.9	5.	5.	85.7	85.8	85.8	
009 AI	6.1	63.6		76.5	0		3.	84.4	;	3					86.9	87.0
005 41	6.1	63.8	71.5		1.		. 4	6.		•	8	.6	89.1	89.3	89.3	89.4
	6.1	63.8	•		81.9	3	3	87.2		4.68					90.06	40.7
300	6.1	63.8		77.2	2	83.2		88.3	8	91.1	2.	92.3	95.6	•		92.9
	6.1	63.8	71.6			3			88.6	91.5	95.6	~	_			95.0
VI VI	6.1	63.8	71.6	77.2		83.2	3		88.7	91.6	2.	93.2	94.5	95.5	96.3	98.0
	6.1	63.8	•	77.2	2.		•	88.5	88.7	100	92.7	93.2	94.5		96.4	100.0

0

0

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

(3)

48

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

N N N N

BRUNSHICKS MAINE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES

AI

2

(FEET)

NO CEILING ≥ 20000 10.3

18000

10.3

9000

AI AI

10.3

2000

ALAI

0

10.3

AI AI

0

1 4.61 70.3 76.8 80.0 71.0 76.1 76.1 76.1 76.8 69.7 1400 68.4 69.0 69.0 69.0 7.0 69.0 75.5 76.1 4.89 2 4440 ٨I 4.69 69.7 AI 73.6 77.4 72.9 710.9 71.0 69.99 63.9 0 70.3 63.2 64.5 71.0 62.6 63.2 70.3 68.4 69.0 72.9 61.9 4.89 68.4 7 56.8 58.1 63.2 63.6 65.2 62.6 65.8 N Al 52.3 56.1 56.1 56.8 51.6 57.4 52.9 52.3 50.3 51.0 51.0 46.5 50.3 51.0 45.8 50.3 50.3 45.8 47.1 ٨I

49.0 0.64

10.3

1500

AI AI

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88

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10.3

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10.3

88

AI AI

10

10.3

80

AI AI

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88

AIAI

49.7

10.3

88

ALAI

TOTAL NUMBER OF OBSERVATIONS

HOURS (LS T.)

0

(3)

TOTAL NUMBER OF OBSERVATIONS

155

1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

	2 5/16 2 1/2 2 0	49.7 50.3 51.6	62 0 52.4 E	50.00	53.6 54.2 5	55.5 56.1	58.7 59.	59.4 60.0 6	61.9 63.2	63.2 64.5 6	63.2 64.	63.9 65.2 6	64.5 65.8	64.5 65.8 6	65.2 66.	69.0 70.3 7	69.7 71.0 7	69.7 71.0 7	69.7 71.	71.0 72.3 7	71.6	72.3 73.6 7	72.9	73.6 74.8 7	74.2	75.5 76.8 7	78.1 79.4	78.7 8	81.3 82.6	83.9 85.2 8	84.3 85.8	84.3 85.810
	V Z	49.7	8.5	32	53.	55.	58.	59.	61.	63.	63.	63.	64.	64.	65.	69	69	69	69	7:	71.	72.		73.	74.	75.	-	78.	80.	83.		83
	* 1	49.0	52.	52.	52.	54.	58.	58.	61.	62.	62.	63.	63	63.	64.	68.	69	69	69	70.	71.	71.	72.	72.	-	74.	76.	76.	79.4	81.	:	81.9
	% Al	49.0	435	35	52.	54.	58.	58.	61.	62.	62.	63.	63.	63.	64.	68.	69.	69.		70.	71.	7.	72.	72.	73.	74.	76.	76.	78.7	0	81.3	81.3
LES)	<u>-</u>	48.4					57.	58.	0	-		2		3	63.	67.	68.	68.	68.	69.	70.	71.	71.	72.	72.	74.	~	76.	17.4	7	19.4	-
VISIBILITY (STATUTE MILES)	71 7	45.2		-	*	50.3	52.9	53.	96.1	57.4	57.4	5	-	30	59.	63.	63.	63.	63.	65.	65.	66.	.99	-	67.	69	70.	70.	71.6	72.	72.	72.
SIBILITY (ST	₹1 ¥	45.2	+	•			52.9		56.1	~	~	58.	58.	58	59.	63.	63.	63.		65.	65.	66.	66.		67.	69	70.	70.	71.6	72.	3	72.
VIS	2 4	41.9		4	*	46.5	48.	*	51.	52.	52.	53.	2	54.	54.	58.	59.		59.	-09	61.3	610	61.	62.	63.	0	65.	650	67.	670	67.	67.7
	≥ 21/5	41.3		•	•			4	51.	52,	52.	52.	3	53.	53.	56.	5		57.4	8	59.4		6	600	•00	61.	61.	61.		63.	63.2	63
	٨١	41.3	•	43.0	43.9	45.8	47.7	48.4	-	2.	52.	52.	111111	53.	53.	56.	36.	56.	*	58.			58.7		0		0	0	61.3	-	61.9	61.9
	* Al	40.7		42.	*	*	46.	47.	*	51.	51.	51.	51.6	51.	51.	54.	54.	54.	2	55.	56.	-	80	5	5	2		2	58.7	5	2	
	S Al	37.4			0,	41.3	2.	43.2		45.	45.	45.	46.	40.	46.	49.	49.	49.	6	0	:	-	:	-	3	2.	2.	2.	52.3	2.	52.3	2
	9 Al	34.8	9		36.	38.1	39.4	40.0		42.6	42.	42.6	43.	3	43.	46.5	*	46.	46.5		47.1	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
	51	8.4				9.0			9.0	9.0		9.0		9.0	Birth.	9.0	District Control	9.0	9.0	9.0	9.0	9.0	9.0		9.0			9.0		-	9.0	
CEILING	(FEET)	NO CEILING	1	1 1	> 14000	> 12000	V 1000		0008 AI	Same	0009 41	> 2000	> 4500		> 3500		> 2500		N 1800		1200		8		N 78	8	98 Al		8		8	

NAVWEASERVCOM

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BRUNSWICKS MAINE

BRUNSWICK, MAINE

NO CEILING

(FEET)

12000

9000

2000

9000

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

RERE

AI

74.2 2 5/16 ٨١ 5 65.6 66.5 67.1 8 68.4 69.0 69.7 7 72.3 72.9 72.9 7 72.9 73.6 74.2 7 65.2 65.8 06.5 59.4 60.0 60.7 59.4 60.0 60.7 62.6 63.2 63.9 65.2 65.8 66.5 X Al ۸I 2 54.8 57.4 58.7 50.0 6 1 56.8 59.4 61.3 52.6 6 8 57.4 61.3 52.6 6 1 58.7 51.3 53.2 6 1 58.7 51.3 53.2 6 1 58.7 51.3 53.2 6 1 60.0 62.6 64.5 65.8 6 2 64.5 67.1 69.0 70.3 7 2 64.5 67.1 69.0 70.3 7 2 64.5 67.1 69.0 70.3 7 2 64.5 67.1 69.0 70.3 7 VISIBILITY (STATUTE MILES 70.3 71.6 7 68.4 14 65.8 7 46.5 51.0 56.1 58.7 6 7 49.0 54.2 59.4 61.9 6 7 49.7 54.8 60.0 62.6 6 7 50.3 55.5 60.7 63.2 6 7 50.3 55.5 60.7 63.2 6 61.9 64.5 58.1 42.6 47.1 52.3 ۸۱ ۲ 51.6 56.8 49.0 50.3 ٨١ 41.3 44.5 ۰ ۸۱

CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS

1

0

75.5

72.3

71.0

68.4

64.5

51.6 56.8

3200

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AI AI

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AI AI

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88

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AI AI

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88

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80

AI AI

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76.1

5703 CEILING VERSUS VISIBILITY

1

155

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

(0)

0 0 0 0 0 0 0 0 0

BRUNSWICK, MAINE

CEILING VERSUS VISIBILITY

HOURS (18.1.)

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PERCENTAGE FREQUENCY OF OCCURRENCE

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(FROM HOURLY OBSERVATIONS)	
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CEILING	1	1	1													
(FEET)	5 1	۰ ۸۱	\$5 Al	VI VI	ε Al	≥ 2%	7	71 %	¥1 ¾	Ā	% Al	*	Z Al	≥ 5/16	N N	Al
NO CEILING	8.4					48.4	6	0.64		49.7		.64	49.7	.64		49.
20000	9.0				\$3.6	55.5	4		9	56.8	9	56.	9	5		36.
≥ 18000	9.0	45.8			;			56.8		57.4	57.4	57.		57.4	57.4	57.
16000	9.0	45.8		52.3	54.2	56.1	9	56.8	56.8	57.4	1	57.		57.4	-	57.
¥ 14000	9.0	46.5	52.3	52.9	54.8	56.8	\$7.4	57.4	57.4	58.1	58.1	58.	58.1		58.1	58.
	9.0	47.7			9	8	6		59.4	60.0	0	604	0		3	60.
₹ 10000	4.4				-		-	3		;	*	. 40		;	;	
0006	9.7	51.0	1	58.7			3		63.9	64.5	64.5	64.	- 30			99
	4.6	:		59.4	619	3.	64.5			\$	5	65.	65.2		5.	
> 7000									67.7	68.4	68.4	68.	8		68.4	69.
		52.9		61.9				67.7	67.7		68.4	68.	1		8.	9
> 2000	10.3	3		2.	65.2	67.1			68.4	69.0	69.0	69.	69.0		69.	69.
		3.			8.	7.	.6		.6	69.7	69.7	.6	. 6	6	0	69.
0007 4	10.3			63.9	66.5	68.4	69.7	6	69.7			0	70.3	70.3	70.	70.
> 3500	10.3	54.8	63.2	4	7.	6	.0			-	71.0	1	71.0	71.0	71.	-
1	10.3				69.7	-	2.		72.9	3.	3.	73.	3.	3	-	-
> 2500		57.4		67.7		72.3	73.6	3.		74.2		74.	74.2		74.	
	10.3				-		3	3		3.	3	75.	3	3	7.5	
N 1800	-			6	2	;	5	5			;	76.		9	76.	-
	10.3	0			-	5	7.	1		8		78.	. 8			
1200		0		-	*	6.	. 8			8		78.	-	8	78.	78.
1000	10.3			3	76.8	8	a	-	81.3	-	-	81.	-	1	18	
98				74.2		79.4		-		2	82.6	82.	2	82.6		
800	10.3				78.1	0	2.			•		83.	3.		~	83.
				*	8		2.	3		*	*	84.			*	
009 X	10.3			78.1	81.9	4	7.	88.4	8.	89.0	89.0	89.	6	6		
900		5.		6	3.	7.	.6	2.	2.	2.	2.	92.				
	10.3	5			83.2	87.7		93.6	3	94.2	94.2	94.	4	+	94.2	94.
300		5.			83.2	87.7	90.3	;	94.2		1.96	96.	97.4	97.4	97.4	. 16
	10.3	3.				87.7	-					.96		99.4	466	
8	10.3	65.2	79.5	19.4	83.2	87.7		;	;	96.8		96.	8	99.4	100.0	100
						1			-			-				

CEILING VERSUS VISIBILITY

155

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BRUNSWICK, MAINE

CEILING							VISIA	BILITY (ST.	VISIBILITY (STATUTE MILES)	(5)						
(FEET)	01 71	9 11	8 41	7 1	8	≥ 2%	12	¥1 Y	¥1 V	- AI	% Al	*	% A	≥ 5/16	% AI	0 11
NO CEILING		38.			44.5	44.5					:	:	*	*	**	44.5
> 20000		**	100		51.6		52.9	52.9	52.9		52.	52.	52.	52.	52.	52.9
≥ 18000		:		50.3	-	52.9	2				52.	52.	520	52.	52.	52.9
		**	1200		-		2				52.	52.	52.	52.	52.	52.9
		45.	49.		2.						54.	54.	54.	54.	54.	54.2
≥ 12000		*	50.				;				56.	56.	56.	56.	56.	56.1
≥ 10000	11.0	49.	-	57.4		60.0	0		0.09	60.09	60.	90	60.	60.	60.0	60.0
> 9000		.64	53.		6						60.	•00	60.	.09	.09	60.7
		51.	56.		-		3				63.	63.	63.	63.	63.	63.9
≥ 7000	11.6	52.	57.	61.9	63.2	5					65.	65.	65.	65.	65.	65.2
	1.	52.		61.9	3.	5	5.				65.	65.	65.	65.	65.	65.2
2 2000	11.6	53	5	63.2	64.5						99	99	66.	99	.00	66.3
		54.		63.9			-		1.	67.1	0	67.	0	67.	67.	67.1
> 4000		54.	0				1:		67.7		67.	67.	67.	67.	9	67.7
-		57.	62.	67.1			:		•		71.	71.	71.	71.	-	71.0
≥ 3000		63.	69.				•		80.7		•		80.	80.	•	100
2 2500	13.6	66.	150	76.8	79.4	1.	83.2	63.2		83.2	83.	83.2	83.2	75	83.2	83.2
0.1	3	67.	73.		0	3.				;	84.	84.	84.	84.		.4.3
V 1800	3	67.	73.	78.1		3.			. 4		84.	. 48	. 18	84.	•	84.9
	3.	67.	7:		-	3.	:		85.2		85.	85.	85.	85.	•	85.2
× 1200		69		0	83.2		-	87.7	-	87.7		87.	87.	87.		87.7
		69	2	0		-			89.0		89.	89.	89.	.68		89.0
98 1		69.	76.		;	-			6		89.	89.	60	89.	8	89.0
	3	:	77.	-		9.			0		90.	90.	90.	90.	0	90.3
V 700		71.			86.5				•		91.	91.	91.	.16		91.6
1		-	000	•		•	:	2		92.9	92.	92.	92.	92.	0	92.9
80		7		82.6	87.7	•	2.		96.1	96.1	96.1	•	96.1	96.1	6	96.1
	3	7		•	87.7		2.			97.4		97.4	97.4	97.4		97.4
30		Ë		82.6	87.7	90.3			98.1	4.66	4.66	4.66	99.4	4.66	99.4	4.66
	3	;		82.6	87.7	•	2	97.4		4.66	99.4	4.66	99.4	99.4	99.4	99.4
8	13.6		78.1	85.6	87.7		65.6	4.76	1.86	4.66	4.66	1.66	4.66	100.0	100.0	100.0
	3.		- 4.0	82.6	87.7	•	92.9	97.4	98.1	4.66	99.4	4.66	99.4	100.0	100.0	100.0

0

0

0

0

TOTAL NUMBER OF OBSERVATIONS

HOURS TES T.

CEILING VERSUS VISIBILITY

BRUNSWICKS MAINE

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	٨١	51.	9	9	00	62.	65.	66.	69	70.	71.	72.	72.	74.	76.	80.	83.	87.	88.	89.	6	91.	91.	.20	93.	94.	96	98.	99.	99.	00	00.
	× AI	916					65.2	66.9	69.0	70.3	71.0	72.3	72.9		76.1		83.9	87.7	88.4	89.7			91.6	92.9	93.6	94.2	8.96	98.7	4.66		100.001	
	≥ 5/16	51.6		9	60.7	62.6	65.2	66.5	69.0	70.3	71.0	72.3	72.9	74.6	76.1	80.7	83.9	87.7	86.4	89.7	90.3	91.0	91.6	92.9	93.6	94.2		98.7	4.66		100.001	.00
	N Z	91,6	3 0	9	60.7	62.6	65.2	66.9	69.0	70.3	71.0	2	72.9	74.6	76.1	20.1	83.9		9.4	89.7	90.3	91.0	91.6	92.9	93.6	94.2	96.8	98.7	4.66	1.66	*	99.4
	*	51.6	3	0		62.6	69.2			à	-	2:	72.9	-	;	0	13.9	87.7	4.00	6		-	91.6					98.7	4.66	4.66	4.66	4.66
	% Al	51.6	3		0		65.2				:		72.9			0	83.9	1	86.4		90.3		91.6					98.7	4.66	4.66	4.66	4.66
ES	- AI	51.6	•	000	60.7	62.6	65.2	66.9	69.0	70.3	71.0	12.3	72.9	74.6	76.1	80.7	83.9	07.7	88.4	89.7	90.3	91.0	91.6	92.9	93.6	94.2	96.8	98.7	98.7	98.7	98.7	
VISIBILITY (STATUTE MILES)	¥1 Y	51.6		900		62.6	65.2	66.5	69.0	70.3	71.0	72.3	72.9	74.8	76.1	80.7	83.9	67.7	88.4	89.7	90.3	91.0	9116	92.9			96.8		98.7		98.7	
BILITY (ST.	7 1%	51.6					65.2						72.9				83.9				0		91.6		93.6		96.8	97.4	97.4	97.4	97.4	97.4
VIS	7 7	51.0	-	50.4	0.09		64.5	65.8	68.4			71.6			74.8	6	5.	85.8		87.7	88.4	88.4	89.0			91.6	3	94.8	8.46	94.8	94.8	94.8
	> 2%	49.7	•	36.0	57.4	59.4	61.9	62.6	65.2	66.5	67.1	68.4	69.0	71.0	•	76.1	79.4		83.2		84.5	84.5	84.3	85.2	88.8	86.5	88.4	89.0		6	89.0	89.0
	N AI	40.0	10 1	56.1	\$6.8	58.7	61.3	910	64.3	65.8	66.3	67.7	4.89	70.3	71.0	74.8	17.4		81.3	81.9	82.6	82.6		83.2	83.9	84.5		87.1	87.1	87.1	87.1	87.1
	4	48.4	20.2	100	56.1	58.1	60.7	61.3	63.2	64.5	65.2	66.5	67.1				74.8		78.1	78.7	19.4	79.4	79.4	80.0		81.3	83.2	83.9		•	83.9	83.9
	S AI	***	8.4.0	34.8	54.8	56.8	59.4	60.0	61.9		•	200			67.			-								1		1	80.	- 1		
	9 1	45		52		53	55.5	4	1000	59.	60.0	60.7	61.3	10	19	69	67	69	69	70	7	7	71.0	71.0	71.6	72.3	72.9	73.6	73.6	73.6		73.6
	2	9.7	1	-	11.6		11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6		11.6	11.6		11.6		11.6	11.6	11.6	-	11.6	11.6	11.6	11.6	11.6	_	11.6	11.6
CEILING	(FEET)	NO CEILING	V 18000	00091 <	≥ 14000	≥ 12000	N 10000		0008 AI		0009 AI		V 4500		3300		> 2500		1800	- 1	1200		8		78		905 Al		30		8	1

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

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TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	01 71	9	ss Al	71	e Al	2 2%	2 41	۲۱ ۲۲	¥1 Y1	-	% Al	*	% Al	2 5/16	N N	٨١
NO CEILING	12.3	45.6	45.2	46.5	50.3	50.3	52.3	52.9	52.9	54.2	34.8	54.8	54.8	54.8	54.	25
		-		7	3.	d.	20.4	7.00	0	4	1	7		3		9
00081		-		2.			20.4	00		-	0.70		•	5.	•	
		-		2.		9	59.4	60.7	0	-	3	5		2.	3	9
	F .	-		2	;		59.4	60.7	0	-	2	2.		2.		0
≥ 12000	9			2	56.8		60.0	61.3		2.	63.2	3.				9
	-			20	57.	-	60.7	62.6	2					;	5	9
906 AI	12.9	-		4	58.	8	61.0	63.2	6	3	65.2	5		3	•	0
1	100	C		55.5	59.	6	62.6	64.5		3	9	9	0	9	-	-
7000	12.9	7		-	60	6	6.69	65.8			7	-	1	-		•
		-		-	90	d	63.9	65.8		1	7	-	1	1	8	9
2000	100	-		-	61.		68.2	67.1			0		6	6	69	•
1		10		0	63		67.1	69.0	6	ć		-	-	-	-	
1 4000		-		ċ		1111	68.4	70.3	0	71.6	2	2	2	2		•
> 3500	12.9	0		60.7	65.2	65.2	68.4	70.3	70.3	-	72.3			72.3	72.	9 72.
		0		3.		8	72.3	74.2		3				9		-
2 2500		60		*	.6		73.6	75.5		.0	7.	-	7.	-		1
2 2000		-			6		73.6	75.5		.0	1		1	77.4		•
N 1800		-		4.	6	6	73.6	75.5			7.	-		1.	8	
	6	5			.6	6	73.6	75.5		9	1.	1.		1:	8	-
7 1200		3		4.		70.3	74.2	76.1		77.4	8.		8	78.1		-
2 1000	0.00	1		3.	2.	3.	77.4	79.4	6		81.3	-		-	-	80
8 4		-		5	2		77.4	19.4		0	81.3	-		-	-	-
		8		.9			78.7	80.7	0		2.	2.		82.6	3	
				.0			78.7	81.3	1.	2.	3.			3	9	8
009 1	12.9	8		. 9			78.7	81.3	-		83.9			83.9	5	84
		8		.0		5	79.4	81.9	-		5	3		5		
2 400				. 9	74.2	9	80.0	83.2	83.2			.9		86.5	87.	87
98 11	12.9			. 9	74.2	76.1	80.0	3		85.8	7.		7.	7.	87.	187
		80		. 9		. 9	81.3	3	3	å	-	:		2		63
8		8		66.5	74.2	76.1	81.3	85.8	85.8			2		94.2	95.	10
	. 3	4	1	-	6 74		-				•					-

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

19 HOURS (1.5.T.)

	٨١	49.	58.	61.			71.0	75.			83.	83.	80	89.	91.	96.	.00
	N N	6.8		0-	66		7.7	50				83.2		89.7 89.7	91.6	96.8	_
	≥ 5/16	58.1	58.7		m m		1.2	50		0-	-:2		3:			96.1	98.1
	% Al	0.00	00 00	0-	90	00	7.7	50	10.0	0-	- 2	82.6		9.	91.6		
	* 11	58.	58.	60.	63.	69.	71.	75.	76.	80.	81.	82.6	85.	89.	91.	96	96.
	% Al	0.00	58.7	00		- 6	00	+ 0	90	00	0-	85.2	3:		0 %	30	200
ES)	-	49.0			20	- 0					0-	81.3	4 0		92.3		;;
VISIBILITY (STATUTE MILES)	71 71	69.0	57.4	58.7		60	-0	200	73.6	30	2.8	78.7	3:	* *	2 8		
IBILITY (ST.	VI 71	49.0	57.4				-0	20				78.7		**		00	90.3
VISI	1 2 2					61.9	3	0 0	0-	25	m 4	74.8	7.8		80.0		
	> 2%	• •	• •	54.2		59.4		60	-0	0-		72.3	**		76.8		78.7
	es Al	45.8	52.9			58.7		mr.		60		71.6		74.8	75.5	77.4	77.4
	4 1	43.9							64.5					69.7			71.6
	N AI	43.9	50.3	51.6	53.6		58.7	61.3				66.5			00	0.0	00
	۰ ۸۱		45.8			6.6	52.	44		57.	58.	58.7	58.	59.	59.	600	60.09
	5 1			12.3								12.3			22		12.3
CEILING	(FEET)	NO CEILING	000 81 VI 000 81 VI	V 14000	0000	71 VI	900 AI AI	4500 4000 4000	3300	17 17 2000	VI VI 0081 0081	VIVI 1000	88 AIAI	8 8 8 8	88	88	80

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

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BRUNSWICK, MAINE

BRUNSWICK, MAINE

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(§)						
(FEET)	2	o Al	8 1	**	10	> 2%	~ Al	71 74	¥1 V	-	× AI	*	Z AI	2 5/16	AI AI	0 11
NO CEILING		1				.0		8		.6				49.		50.2
₹ 20000	10 X	4	46.7	49.0	51.1	-			•	6.	56.9			57.		57.4
≥ 18000		43.	4		:	7		55.0	5.	56.5		57.1	57.2	57.		57.7
		43.	46.		51.3	-		5.	5.	. 9				57.		57.7
		**	47.		1:	2.		5.	•	7.			•	58.		58.4
≥ 12000	1	45.	48.	1.		5		7.	1.	8		6		59.		60.1
2 10000		46.	50.	3.		.0		0		61.8	2	62.6		62.		63.2
		47.	51.			-	8	0	0	2.	2	3		63.	3	63.6
0008 AI	10.8	48.3	52.7	56.0	58.4	59.3	61.3	65.9	63.2	64.9	65.4	65.6	65.7	65.8	66.1	66.3
. 1		69	23	-	6	0	3			.0	-	-	-	67.	-	68.1
0009 AI		49.		-		:	•	:		•	-	-	•	67.		68.3
		50.	3.	8	-	2	4	2		-			*	68.	6	69.3
		51.		6		3	5	7.		68.9		6		69.		70.4
0007 A	1	51.	25	.0	3.	*		8	8.	6	0		0	70.	1.	71.4
	1.	52.	1.7	•		;		8	•	0	7	-		71.		72.2
3000	11.1	55.	20	4.	67.4	8		3.	3.	5.	3	3.		76.		76.6
≥ 2500	1.	56.		65.1		0				. 9		7.		77.		78.1
die	11.2	56.	0.77	65.9	69.5	0				7.		8.		78.		79.0
V 1800		56.		66.1	69.7	-		5.	75.8					78.		79.2
1	-	57.				-					6	6	6	79.	6	80.1
1200	11.2	57.		67.3	71.1	72.5	75.2	77.3	77.5	79.2		0	80.1	80.		80.9
	-	58.		•	72.1		•		6	=	-	-	2	82.	2	
88	11.2	58.		-	72.3	*				=	ż	2		82.		
	-	58.	1	•	•		•	0	0	2				63.	3	84.3
82 41	11.2	59.		69.1	73.6			81.1			;	84.5	:	00	;	
	-	59.	65.		74.4		6		2.		3		3	85.	0	
905 AI	11.2	59.		4.01	75.2	-		84.4	:	•		87.9		88		
	-	59.	66.		75.5		-	2			6		6	90.	0	
300	11.2	59.		20.8	75.7	77.8	-			89.6		91.6	91.8	92.1	95.4	92.7
	11.2	59.	- 1		75.7	77.9		Base of B			2		93.5	94.4		
9 AI	11.2	59.		70.8	75.7	77.9	82.0		87.0	91.1	92.8	93.1	94.0		•	
	11.2	59.		70.8	75.7	77.9	82.0	86.5	87.0	91.1	95.8	93.1	94.0	95.5	9006	000

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CEILING VERSUS VISIBILITY

NAVWEASERVCOM

TOTAL NUMBER OF OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

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M TOOKE OBSERVATIONS
ROOF FORL

CEILING																
(FEE	2	AI	AI	AI .	8 AI	≥ 2%	2 2	N 1%	¥1 Y	ĀI	% Al	* 1	× Al	≥ 5/16	N AI	0 =
NO CEILING	6.7	42.7						0				-		-		2
> 20000	7.3	66.0			4	2			4	55.3	5	3.		55.3		
	7.3				2.							3.		3		-
> 16000	7.3	46.0	T	50.0		52.7	53.3	54.7	54.7	55.3		5.				
	7.3		100		2.	52.7						5.		5.		-
12000	7.3	46.7	48	50.7	52.7	53.3	54.0	55.3	55.3	56.0	56.0	56.0	56.0	56.0	56.0	57.2
1 2	1.3					58.3				-		8	. 1	8		
88		4				2	1		4	88.7					58.7	
	0	8	K 2 7		-			•	3			6				1
382			44.7		3	40		72.		1		4		44	1	
1	2.0	•		4	•		4								6	
000	4.9	25.7	22.3					•	:	:			•.		•	
	9.3	54.0	56.7			62.7	•	0		•			6	3		
	6.3	54.0	56.7	0		3				-		-		67.3	67.3	68.
900	6.3	54.7	57.3	61.3	64.0	64.7	65.3		8			69.3		6	69.3	70.
1		56.0	58.7	2.				69.3	69.3	0	70.7	0		70.7	70.7	72.
3000	6	56.7	60.0	64.7	68.0	68.7	69.3			73.3		73.3	73.3	73.3	73.3	74.
1		-		. 9		0	70.7	3	3	74.7		74.7	74.7	74.7	74.7	76.(
7 2000	6.9	58.0	62.0	66.7	70.0	70.7	71.3		74.0	75.3	75.3	75.3	75.3	75.3	75.3	76.
	9.3		2.			0				75.3	75.3	75.3	75.3	75.3	75.3	76.
1500	9.3		2.		72.0	72.7	73.3			77.3	77.3	77.3	77.3	77.3	77.3	78.
	9.3	58.7	63.3		73.3			77.3	77.3	78.7	78.7			78.7	7.07	80.
1000	9.3	58.7		70.0	73.3	*	74.7			79.3	79.3	79.3		79.3	79.3	80.
	9.3	58.7		70.						0					80.	
00 AI	9.3	58.7	63.3	-		3	77.3		80.7	82.0		82.0				63.
	9.3	59.3	0.49	71.	75.	. 9		81.3			3.	82.7		82.7	82.	84.
009	9.3	59.3	64.0	72.	76.	9		2.	82.0	83.3	83.3	83.3			83.3	84.
200	9.3	59.3	64.0	73.			80.7							86.7	;	88.
N 400	9.3	59.3	64.0	74.		6		84.7		6.	1.	87.3	7.	87.3	7	8
		59.3	64.0	74.		6		84.7	5	7.	89.3	89.3	89.3			0
700	9.3	59.3	64.0	74.0	78.7	79.3	82.0	85.3	86.0	88.7		91.3	91.3		91.3	
8 4		59.3	;	74.		6		85.3		88.7	61.3	91.3	92.0	2		96
						•			•	•			•		•	

BRUNSWICK, MAINE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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HHHH

2 10 2 6 2 5 2 4 2 2 7 42 7 42 7 44 6 6 6 6 6 7 48 10	CEILING							VISI	VISIBILITY (STATUTE MILES	ATUTE MILI	(S)					
11.3 42.7 44.7 44.3 42.0 42.0 42.7 42.7 44.0 44.0 44.0 44.7 48.0 48.0 48.0 48.0 48.0 48.0 48.0 48.0	(FEET)			62.5%	AI AI	V. V				-	-	NIS. III	 		1014	٨١
11.3 42.7 44.7 45.3 46.7 46.0 50.0 50.7 52.0	NO CEILING			3		4.00	44							4 11		64
10.00	ower 4		4			9	9			•	1	2		52.		
11.3 42.7 45.3 46.7 45.3 46.7 46.7 48.0 50.0 50.7 52.0 52.0 52.0 52.0 52.7 52.7 52.7 52.7 52.7 52.7 52.7 52.7		11.3					*				• •	2	 	52.	2	53
11000 11.3 42.7 45.3 46.0 47.3 47.3 48.7 50.7 51.3 52.7 52.7 52.7 52.7 53.3 53.5 59.0000 11.3 42.7 45.3 46.0 47.3 47.3 48.7 50.7 51.3 52.7 52.7 52.7 53.3 54.0 54.0 54.0 54.0 54.0 54.0 54.0 54.0		11.3		:			40			0		2		52.	2	53.
11.3 42.7 45.3 46.0 47.3 47.3 48.7 50.7 51.3 52.7 52.7 52.7 53.3 54.0 54.0 54.0 10.0 11.3 48.2 46.0 47.3 46.0 47.3 48.7 50.7 51.3 52.7 52.7 52.7 53.3 54.0 54.0 54.0 11.3 48.2 46.0 46.7 46.2 47.3 47.3 48.7 50.0 52.7 51.3 52.7 52.7 52.7 53.3 54.0 54.0 54.0 11.3 46.7 47.4 47.0 75.2 7 50.2 52.0 54.0 54.7 56.0 56.0 56.0 56.7 57.3 57.3 57.3 57.3 57.3 57.3 57.3 57		11.3					47.			-	52.7	2.		53.	3.	54.
7000 11.3 42.7 45.3 46.0 47.3 47.3 48.7 50.0 52.0 52.7 54.0 54.0 54.0 54.7 55.3 55.0 50.0 11.3 46.0 48.7 48.7 48.7 50.0 52.0 52.0 54.0 54.0 54.0 54.7 55.3 55.3 55.0 50.0 51.3 46.0 48.7 56.0 52.0 52.0 52.0 54.0 54.0 54.0 54.0 54.0 54.0 54.0 54		11.3					47.					2.		54.	*	54.
11.3 \$4.7 \$47.3 \$46.7 \$46.7 \$6.7 \$6.0 \$5.0 \$2.7 \$4.0 \$4.0 \$4.0 \$6.0 \$6.7 \$5.3 \$5.5 \$50.0 \$11.3 \$46.7 \$47.3 \$6.7 \$6.7 \$6.7 \$6.0 \$6.7 \$6.0 \$6.7 \$6.7 \$5.3 \$5.5 \$50.0 \$11.3 \$46.7 \$46.0 \$6.7 \$6.2 \$6.0 \$6.7 \$6.0 \$6.0 \$6.7 \$6.0 \$6.0 \$6.0 \$6.0 \$6.0 \$6.0 \$6.0 \$6.0		11.3					47.		0			2	3	54.	*	54.
7000 11.3 \$6.0 \$48.7 \$70.0 \$2.0 \$2.0 \$5.3 \$5.3 \$6.0 \$7.3 \$7.3 \$7.3 \$7.3 \$7.3 \$7.3 \$7.3 \$7.3		11.3	43.		. 9		48.		2		54.0	*	*	53.	3	
11.3 \$6.7 \$9.3 \$5.7 \$5.3 \$5.3 \$5.3 \$5.3 \$5.0 \$7.3 \$7.3 \$7.3 \$7.3 \$7.3 \$7.3 \$7.3 \$7.3		11.3	++.		8		50.							57.		
2500 11.3 \$6.0 50.7 52.7 55.3 55.3 57.3 58.0 59.3 59.3 59.3 59.3 59.3 59.3 50.0 60.7 60.7 60.0 60.7 60.0 60.7 60.0 60.7 60.0 60.7 60.0 60.7 60.0 60.7 60.0 60.0		11.3	.94		0		52.		5.	6.	7.	7.	8	58.	8	59.
11.3 56.0 59.3 55.3 59.3 57.3 57.3 57.3 57.0 61.3 61.3 61.3 61.3 61.3 62.0 62.7 66.3 65.3 65.3 65.3 65.3 65.7 66.3 65.3 65.3 65.3 65.3 65.3 65.3 65.7 66.3 65.3 65.3 65.3 65.3 65.3 65.3 65.3		11.3	46.		0		53.	3		8	6	6	0	600		
11.3 50.7 53.3 55.3 59.3 59.3 61.3 63.0 64.0 65.0 65.3 65.3 65.3 66.0 66.7 67.3 67.3 50.0 11.3 50.7 53.3 56.0 60.0 60.0 62.0 64.0 64.0 66.0 66.0 66.0 66.7 67.3 67.3 57.0 11.3 52.7 55.3 56.0 63.3 63.3 65.3 67.3 68.0 69.3 69.3 69.3 70.0 70.7 70.7 70.2 10.0 11.3 54.0 56.7 59.3 64.7 64.7 66.7 68.7 68.3 70.0 70.7 70.7 70.7 70.7 71.3 72.0 72.0 72.0 11.3 54.0 56.7 59.3 64.7 64.7 66.7 68.7 68.7 70.7 70.7 70.7 70.7 71.3 72.0 72.0 72.0 72.0 72.0 72.0 72.0 72.0		11.3	48.		2.	5	55.	7.		0	1.	-	2.	62.		
3500 11.3 50.7 53.3 56.0 60.0 60.0 62.0 64.0 64.7 66.0 66.0 66.0 66.7 67.3 67.3 70.0 3000 11.3 52.7 55.3 58.0 63.3 63.3 65.3 67.3 68.0 69.3 69.3 69.3 70.0 70.7 70.7 70.0 11.3 54.0 56.7 59.3 64.7 64.7 66.7 68.7 69.3 70.7 70.7 70.7 71.3 72.0 72.1 1800 11.3 54.0 56.7 59.3 64.7 64.7 66.7 68.7 69.3 70.7 70.7 70.7 71.3 72.0 72.1 1800 11.3 54.0 56.7 59.3 64.7 64.7 66.7 68.7 69.3 70.7 70.7 70.7 71.3 72.0 72.1 72.3 73.3 73.3 13.0 11.3 54.0 56.7 50.0 65.0 65.0 68.0 70.0 70.7 70.7 70.7 70.7 71.3 72.0 72.7 72.3 73.3 73.3 73.0 11.3 54.7 57.3 60.7 66.0 66.0 68.0 70.0 70.7 70.7 70.7 70.0 72.0 72.0 72		11.3	50.				59.			4	5			66.		
3000 11.3 52.7 55.3 58.0 63.3 63.3 67.3 68.0 69.3 69.3 69.3 70.0 70.7 70. 70. 70. 70. 70. 70. 70. 7		11.3	50.		.0	0	60	2.		*			.0	67.		68.
2500 11.3 52.7 55.3 58.0 63.3 63.3 67.3 68.0 69.3 69.3 69.3 70.7 70.7 71.3 72.0 72.1 10.3 54.0 56.7 59.3 64.7 64.7 66.7 68.7 69.3 70.7 70.7 70.7 71.3 72.0 72.1 10.3 54.0 56.7 50.3 64.7 64.7 66.7 68.7 69.3 70.7 70.7 70.7 71.3 72.0 72.0 11.3 54.0 56.7 60.7 66.0 66.0 68.0 70.0 70.7 72.0 72.0 72.0 72.0 72.0 72		11.3	52.				63.		7	8	6	6	0	70.		71.
2000 11.3 54.0 56.7 59.3 64.7 64.7 66.7 68.7 69.3 70.7 70.7 70.7 71.3 72.0 72.1 1500 11.3 54.0 56.7 59.3 64.7 64.7 66.7 68.7 69.3 70.7 70.7 70.7 71.3 72.0 72.1 72.0 11.3 54.0 56.7 60.0 65.3 65.3 67.3 69.3 70.0 71.3 71.3 71.3 72.0 72.7 72.1 1000 11.3 55.3 58.7 62.0 68.0 66.0 68.0 70.0 72.7 72.0 72.0 72.0 72.0 72.0 72			52.		8		63.	5.	7.	8.	.6	9.	0	70.		
110.3 54.0 56.7 59.3 64.7 64.7 66.7 68.7 69.3 70.7 70.7 70.7 71.3 72.0 72.7 72.0 11.3 54.0 56.7 60.0 65.3 67.3 69.3 70.0 71.3 71.3 71.3 72.0 72.7 72.0 11.3 54.7 57.3 60.7 66.0 66.0 68.0 70.0 70.7 72.0 72.0 72.0 72.7 73.3 73.0 11.3 54.7 57.3 60.7 66.0 66.0 70.0 70.7 72.0 72.0 72.0 72.7 73.3 73.0 11.3 55.3 58.7 62.0 68.0 68.0 70.0 72.0 72.7 74.0 74.0 74.0 74.7 75.3 75.0 70.0 11.3 55.0 59.3 62.7 68.7 68.0 70.0 72.0 72.7 74.0 74.0 74.0 74.7 75.3 75.0 70.0 11.3 56.0 59.3 62.7 68.7 68.7 70.7 72.0 72.0 75.3 75.3 75.3 75.3 75.3 75.3 75.3 75.3			54.		6		64.	•	8	6	0	0		72.		
1300 11.3 54.0 56.7 60.0 65.3 67.3 69.3 70.0 71.3 71.3 71.3 72.0 72.7 73.3 73.10.0 11.3 54.7 57.3 60.7 66.0 66.0 68.0 70.0 70.7 72.0 72.0 72.0 72.7 73.3 73.3 73.3 73.3 11.3 55.3 58.7 62.0 68.0 66.0 68.0 72.0 72.7 74.0 74.0 74.0 74.7 75.3 75.3 75.3 75.3 11.3 55.0 59.3 62.7 68.0 68.0 70.0 72.0 72.7 74.0 74.0 74.0 74.7 75.3 75.3 75.3 75.3 11.3 56.0 59.3 62.7 68.7 68.7 70.7 72.7 73.3 75.3 75.3 75.3 75.3 75.3 75.3 75			54.		. 6		64.		8			0		72.		
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5703 CEILING VERSUS VISIBILITY JAN 68

TOTAL NUMBER OF OBSERVATIONS

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HOURS (LST.)

BRUNSHICK. MAINE

CEILING VERSUS VISIBILITY

ноив С. т.		2% 2% 25/16 2% 20	43.3 43.3 44.0 44.7 45.	. 8 50.0 50.7 51.8 S	0 52.7 53.8 54.0 5	55.3 5	61.3 62.0 6	4.0 64.7 65.3 66.	4.7 65.3 66.0 66.7 6.7 67.3 68.0 68.7	2.0 72.7 73.3 74.0	5.3 76.0 76.	7 8.7 7.9 76.0 76.7 77.9 7	78.0 78.7 79.3 8	0.0 80.7 81.3 82.0 8	3 62.0 82.	88.0 88.2 F. 88.0	8.0 89.3 90.0 90.7	88.7 91.3 94.0 94.7 98
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	VISIBILITY (STATUTE MILES)	22 21% 21% 21	42.7 42.7 43.3 43.3	47.3 48.0 48.7 49.	48.7 49.3 50.0 50.4	52.0 52.7 53.3 5	56.7 58.0 58.7 60.	58.7 60.0 60.7 62.	60.7 62.0 62.7 64.	63.3 64.7 65.3 6	66.7 68.0 69.3 71.	69.3 70.7 72.0 74.	70.0 72.0 73.3 75	72.7 74.7 76.0 78.	73.3 75.3 76.7 7	74.7 78.0 80.0 82.	76-0 79-3 81-3 84-	76.0 79.3 81.3
PERCENTAGE FREQUES (FROM HOURLY		5 24 23 22%		7 43.3 44.0 45.3 46.	3 44.7 46.0 40.3	9 46.0 47.3 48.7 49.0 40.3 50.	50.7 52.0 54.0 54.	52.0 54.0 56.0 56.	54.7 54.7 56.7 57.	58.7 58.7 5	59.3 61.3 63.3 64.	59.3 61.3 63.3 6	3 62.0 64.0 65.	60.7 64.0 66.0 6	60.7 64.0 66.7 68.	61.3 64.7 68.0 69.	65.3 69.3 7	61.3 65.3 69.3 70.
	CEILING	9 1 01 1	00	00		00	9 4	30000	4500 8004	3500 8.0 50.	0 52	00	1200	96 0	9 5	00	54	100 8.0 54 0 8.0 54

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TOTAL NUMBER OF OBSERVATIONS

703 CEILING VERSUS VISIBILITY JAN 68

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

BRUNSWICK, MAINE

HOURS (LST.)

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MILI	ES)						
(FEET)	2 1	٥ ٨١	S AI	4	E Al	Y 2%	1 S	¥1 Y	¥1 Y	- Al	¾ Al	*	% Al	≥ 5/16	NI X	٨١
NO CEILING	10.0		50.0	45	45.	50	\$5.3			46.	46.	9 .		50		46.0
1 4 1 4 000 1 VI		48.7	00	51.	51.	22		52.	52.7	52.	52.	22		22		52.7
Y 14000	10.0		00	52.	52.	23		52.		53	53	-		2	9	
VI VI 0000 0000 0000			-	4 4	55.	00	0	20.0		56.	56.	6 6	56.7	00	00	
000 AI AI	10.0	53.3	55.3	58.0	20	59.0	58.0	59.0	58.7	58.7	58.7	58.7		58.7	58.7	58.7
0006 AI AI		27.	~ 0	59	60.	0 6	0	0.4		61.	000			-: 4	-:	
41 VI	10.0	5 50 5 50 5 50	0 0	62.	63,	* 10	-	900	00	65.	65.		50	0 0		65.3
3000		60.	m 0	68	66.	.00	00	67.	8 2	68.	68.	800	30 2	8 2	8 %	
V 1 2500	10.7	65.		702	71.	22	20	73.	* *	74.	74.	* *	* *	4 4		::
VI VI 0081 VI 0081	11.3			73	72.	250	6.9	77.	+ 100	74.	74.	+ 80		+ &	+ 0	
VI VI 1000 1000	11.3	69.		25	76.	0 80		80.	81.3	81.	81.	81.3	0-	81.3	6-	81.3
8 8 AI AI	11.3	71.3		78.	80.	0-	- 3	80 00	NI	82.	82.	200		250	25	85.3
VIVI 808	11.3			79.	81.	4 .	3:	8	-0	90.	90.	80	80	90.7		90.7
VIVI 400	11.3	71.3		80.	82.	4 10	. 6	90.	6 2	00	-+			91.3		91.3
300	11.3	71.3	H15950.788	80.	8	3.0	. 6	00	22				98.0	99.3	86	98.0
80	11.3	71.3	76.7	80.0	82.7	50		00			98.		98.7	99.3	99.3	99.3

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TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS

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*	2.7																		

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4 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		10000		000 1 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2007.27.07.0 0.00.00.00.00.00.00.00.00.00.00.00.00	24 176 W C W C W C W C W C W C W C W C W C W	9 4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6			2 4 4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	004000	004000		000 0 00 m		44 4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
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BRUNSWICK, MAINE

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE

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TOTAL NUMBER OF OBSERVATIONS

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PERCENTAGE FREQUENCY OF OCCURRENCE	(FROM HOURLY OBSERVATIONS)
PERCENTAGE	(FROM H

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CEILING							VIS	VISIBILITY (STATUTE MILES	ATUTE MIL	ES)							
(FEET)	2	۸۱	87	**	E AI	≥ 2%	2.4	۲۰ ۲ ۲۸	¥1 Y	Ā	∦ AI	* 1	V X	≥ 5/16	VI 3	٨١	
NO CEILING	6.0	41.3	41.3	41.3	43.3	43.3	43.3	43.	6.9	43.3	43.3			43.3	43.	84	WI
18000			*			46.7		.00	0	46.7				*	40.7		-
1 1400						47.3	47.3		7	47.3	47.3	47.3		47.9	-		- 60
00001	1000	50.7		500		52.7	52.7		30.0	200	9			54.	J 80 80	2 3 3	900
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V 1 V 1 V 1 V 1 V 1 V 1 V 1 V 1 V 1 V 1	12.0			60.7	2 4		63.	00	9 9		000		600	00	300	00	FF
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Y 70 400	12.0		74.0	6.	3.		84.7	86.		. 9	86.7			86.	86.7	86	F 10
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80		71.3	74.0	77.3	84.7				0.96	::	94.7	94.7				0 0	00
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TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

(3)

CEILING VERSUS VISIBILITY JAN 68

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5703

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

BRUNSWICK MAINE

" • 00000000000000000000000000000000000	CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILI	(5)						
10.0 44.0 45.3 46.7 47.3 47.3 48.7 50.0 50.0 10.0 44.0 45.3 46.7 47.3 47.3 48.7 50.0 50.0 10.0 44.0 45.3 46.7 47.3 47.3 48.7 50.0 50.0 10.0 44.0 45.3 46.7 47.3 47.3 48.7 50.0 50.0 10.0 44.0 45.3 46.7 47.3 47.3 48.7 50.0 50.0 50.0 10.0 44.0 45.3 46.7 47.3 47.3 48.7 50.0 50.0 50.0 10.0 45.3 46.7 47.3 47.3 48.7 50.0 50.0 50.0 10.0 45.3 52.7 52.7 52.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0	(PEET)	VI 70	1000	\$ 2	4						- 1	% Al	*	K VI	≥ 5/16	M AI	0 1
10.000 10.0 44.0 45.3 46.7 47.3 47.3 48.7 50.0 50.0 10.0 44.0 45.3 46.7 47.3 47.3 47.3 48.7 50.0 50.0 50.0 10.0 44.0 45.3 46.7 47.3 47.3 47.3 48.7 50.0 50.0 50.0 10.0 45.3 48.0 45.3 46.7 47.3 47.3 47.3 48.7 50.0 50.0 50.0 10.0 45.3 48.0 45.3 46.7 47.3 47.3 48.7 50.0 50.0 50.0 10.0 45.3 48.0 45.3 50.0 50.0 50.0 51.3 52.7 52.0 55.3 55.0 51.3 52.7 55.0 10.0 10.0 49.3 52.0 53.3 54.0 50.0 50.0 51.3 52.7 55.0 57.3 58.0 50.0 51.3 52.0 57.3 56.0 51.3 52.0 55.3 55.7 55.0 57.3 55.0 57.3 55.0 57.3 55.0 57.3 55.0 57.3 56.0 51.3 52.0 57.3 56.0 51.3 52.0 57.3 56.0 51.3 52.0 57.3 56.0 51.3 52.0 57.3 56.0 51.3 52.0 57.3 56.0 51.3 52.0 57.3 56.0 51.3 52.0 57.3 55.3 55.3 55.0 57.3 56.0 51.3 57.3 56.0 51.3 57.3 56.0 51.3 57.3 56.0 51.3 57.3 56.0 51.3 57.3 56.0 51.3 57.3 56.0 51.3 57.3 56.0 51.3 57.3 56.0 51.3 57.3 56.0 51.3 57.3 56.0 51.3 57.3 57.0 57.0 57.0 57.0 57.0 57.0 57.0 57.0	NO CEILING	9.3	40.	41.3	42.7	42.7				44.7			45.3	45.3	45.3	45.3	46.0
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10.000 10.0 44.0 45.3 46.7 47.3 47.3 48.7 50.0 50.0 10.00 10.0 44.0 45.3 46.7 47.3 47.3 48.7 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50		10.0	*	45.3	46.7	47.3					0	0	.0	50.7	0	0	51.3
10.000 10.0 44.0 45.3 46.7 47.3 47.3 48.7 50.0 50.0 50.0 50.0 10.0 48.7 51.3 52.7 53.3 55.3 55.3 55.3 55.3 55.3 55.3 55		10.0	*	45.3	46.7	47.3						0		50.7	0		51.3
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10.00 10.0 49.7 51.3 52.7 53.3 53.3 55.3 56.7 56.7 56.0 10.0 10.0 49.3 52.0 53.3 54.0 54.0 56.0 57.3 57.5 50.0 10.7 54.7 58.0 60.0 61.3 61.3 61.3 63.3 65.3 65.3 65.3 65.3 65.3 65.3 65	1 12000		45.	48.0	49.3	50.0				2	53.3	53.3	53.3	53.3	53.3	53.3	34.6
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1	1		≥ 5/16	45.8	3	50.8	50.8	51.4		26.2	0.3	5	62.5		5.8	8.4	70.1	4.3	76.0	7.6	0	5	82.4	3.6	4.5	5.7			1.0	93.0	5.3	96.2	70.3
			Z AI	45.7	50.3	50.6	50.6	51.3	53.2	36.1	60.2	-	62,3	64.5		68.3	6.69		75.8	77.4	77.4	3.00	82.3		84.3	85.5	86.7	88.9	8.06	95.8	6. 46	95.0	72.4
			*	45.7	50.2	50.5		51.2	23	200	600	61.6	62.2	64.3			69.8		75.6		77.2	19.3	82.0		84.1	85.3	86.3	88.6	4.06	92.3		000	
8	ш		% Al	45.7	50.2	50.5	50.5	51.2	•	25.0		-	0	64.	65.4		8.69	73.	75.	77.	7.	2	82.0	3			86.3	88.	90.	92.2	3	93.5	73.3
YEARS	OF OCCURRENCE ERVATIONS)	(Sa)	ŽĮ.	4	50.2	50.5	50.5	51.2	53.1	0 40	59.	0	62.	64.2	65.3	0	69.6	73.	75.	-	76.	79.	81.7	82.8		84.8	85.9	87.9	8	90.8	91.6	91.8	71.0
	NCY OF OCCURI	VISIBILITY (STATUTE MILES)	VI 7.	45.		50.1	50.1	50.8	52.6	200	59.	6000	61.5	69.7		67.	0.69	72.	7	76.	-		80.8	00		83.8	84.8		88.0	100	89.3	89.3	07.5
-77		SIBILITY (S'	71 71	45.	*	49.	69	50.5	52.	200	59	9	9		64.3	67.	68.8	72.	74.3	75.	75.8	-	80.5	81.	82.6	8	84.3	86.1	87.3	88.0	88.4	000	000
- 23	SUENC RLY O	5	7	44.6	68.	49.2	49.2	49.	51.6	2 3	58	10	-09	9	63.3		67.5	71.	72.	74.	74.	16.	78.0	80.		3 81.6	82.	83.7	84.	84.5	85.0	95.0	6500
	E FREQUE		2 2%	8 43.9	48.	48.	48.	8 49.1	200	200	56.		2		8 62.1	9	\$ 66.3	69	8 71.3	72.	72.8	14.	37.0	78.	78		79.	6 80.		1 81.3	81		910
	PERCENTAGE FREQUENCY (FROM HOURLY OBS		AI .	43.6	67.5	3 48.	3 48.		20	76 6	56.		58.		3 61.	64.	3.	69.	3 70.	72.	72.	74.	2 76.	77.	4 77.	0 78.	78.	7 79.6	79.	0 80.		90.	2
384	PERCI		AI .	0 43.	5 47.0	8 47.	8 47.	*	•	-	55	56.	57.	59.	.09	62.	63.	66.	68.	69	69	-	73.	74.	6 74.	75.	75.	75.	75.	76.	76.	9:	10.
A INE			AI S	42.		4			*	:	53.		35.	5 56.	3 57.	1 59.	3 61.	9 63.	3 65.	5 66.	5 66.	900	7 69	20.	70.	70.	7.	=	9 71.	8 71.	71.	71.	9
CK. M			۸I		8 44.	. 44	00	0	60		5 51.		7 52.		0	80	8	0	1 62.				2 65.		2 66.		2 66.					2 66.	
BRUNSWICK			N P		5	6	-		6	_	-	10		10.		10.	.01		::	7	11.	+	:=	11.	-	11.	-	11.	=	::	7	::	1
88		CEILING	(FEET)	NO CEILING	× 20000	≥ 18000	N 16000	7 14000		8 8 N N	1	7000	0009 AI	0005 ^I	× 4500	- 1	3300		2 2500		00 S		N N		800	V 700		200		8		80	

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TOTAL NUMBER OF OBSERVATIONS

0

0

0

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BRUNSWICK, MAINE

....

CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	£S)						
(FEE)	2	9 11	N AI	4	ε Al	× 2%	2 4	۲۱ ۲۱	VI 2/4	- AI	% Al	*	Z AI	≥ 5/16	AI X	٨١
NO CEILING				-	51.6	-	51.6	-	-		2					
N 20000		-		3	3	54.2	1		54.8	54.8	5.	56.1	56.8	8	58.	
≥ 18000	17.4		53.6	54.2		54.2	1	54.8			55.5		56.8	58.1	58.	58.7
		-						3.		5					58.	
	17.4		•		54.8	4.		3.		5	•				58.	
≥ 12000	17.4			3	3	5.					-			0	60.	
≥ 10000			54.8	. 9	.0	56.1		-	-	57.4				0	00	
N 2000	100	100			56.8	.0		58.1		8		6		:	61.	
		59.		:	2.	2.	3.	6		-		3	5		67.	
≥ 7000	18.1	.09		63.2		63.9									68.	
		.00			63.9	3.	;	5	3	3	3		-			69.0
2 5000	18.1			65.8	;	66.5		1				6				
		1000	64.5	65.8			2	1	67.7	2	8		6	-	71.	
V 4000	18.1					6	70.3	-	-			2			-	
		-		•			3.					3		7.	77.	
> 3000	18.1	-		73.6		4.	75.5			76.1		-			79.4	80
≥ 2500		1		76.1	77.4	77.4	. 8	78.7	78.7		79.4	0		81.9	-	82.6
	18.1	-	74.2	76.1								0	0	:	81.9	
V 1800			74.2	76.1	77.4	77.4		8		78.7	6	0		81.9		82.6
		1000	75.5	78.1	79.4	6	•		0			-	2.	3	83.	
N 1200	18.1	-	75.5	78.1	19.4		ò	0			1:	1.	2.	83.9	83.	84.5
	8	-	76.1	79.4		-		2.	2.	2.	3		;	5.	85.	86.5
8 41	18.1	-	76.1	10.4		-		2.				3.		5.	85.	
	18.1	-	76.8	80.7		2.	3	3	83.9			3	5	87.1	87.	87.7
78	18.1		77.4	81.3				5				9		8	88.	
08 AI	18.1		77.4	:	84.5		3		86.5	-	1			0	0	91.0
98 41	18.1		78.1	82.6	3.	85.8		7.			6	6		-	-	
N 490	18.1	-	78.1	3.	86.5				88.4			-		2	2	93.6
38	18.1	-	78.1		86.5	.0	87.1	89.7	89.7	91.0	91.6	2	92.9		94.2	8.46
98 Al	18.1	-	78.1	83.2	86.5	86.5	87.1	89.7	89.7	-	-	2			;	94.8
N N	18.1	75.5	78.1	83.2		86.5	87.1	89.7	89.7	-		92.3	92.9	94.2		1.96
	18.1	-	78.1	83.2	86.5	9	87.1	1.68	89.7	-	-	2.	92.9	4	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS

0

9.4

NAVWEASERVCOM

HOURS (L'S.T.)

1

TOTAL NUMBER OF OBSERVATIONS

155

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

CEILING							VISIL	BILITY (ST.	VISIBILITY (STATUTE MILES)	(S)						
	0 A	9	\$ 21	71	8 Al	× 2%	1 A	۲۱ کا ۱۲۸	¥1 ¥1	Ā	% Al	* Al	Z N	≥ 5/16	× Al	O Al
NO CEILING			53.6	53.6	54.8	54.8	54.8	55.5	55.5	56.8				57.4	57.4	0.09
7 2000	15.5		56.1	4	\$7.4	57.4	57.4			-		60.0	. •	60.0	0.09	62.6
N 18000	15.5	54.2	56.1	56.1	57.4	57.4	57.4	58.1	58.1	\$9.4	0000	0.00	0.09	60.0	0.09	62.6
		-	56.1	56.1	\$7.4	57.4	37.4			59.4		a			-	62.6
2 14000		:	56.1	36.8	58.1	58.1	58.1	58.7	58.7	0.09					60.7	63.2
	15.5	5.	57.4	58.1	\$9.4	59.4	59.4	3	60.0			-		1		64.5
2 10000	3		57.4	58.1	59.4				60.0	61.3		-	61.0	61.9	61.9	64.5
	15.5	56.1	11786		60.0			0	60.7	-			62.6	62.6	62.6	65.2
10.00	16.1	58.7	61.				64.5				67.1	67.1	67.1	67.1	67.1	69.7
> 7000	16.1	58.7	- 000	63.2	64.5	,		5	65.8	7.	67.7		67.7	67.7		70.3
9	16.1	58.7			*	4.					67.7		67.7	67.7	67.7	70.3
> 2000	16.8	60.7		65.2						69.0	69.7	6	69.7	69.7		72.3
	16.8	61.9	1100		8.	8.		69.7	. 6		1.		71.6	•		74.2
000 AI	16.8	63.2	330	69.0	70.3		71.0	-	71.6	72.9	73.6	3	73.6	73.6	73.6	76.1
	16.8	-	2.7		71.6	:			2.		+		74.8		4.	77.4
> 3000	16.8	65.2	2.1	71.6		2	73.6		74.2	75.9	76.1		76.1	-		78.7
> 2500	17.4	67.7	72.3	74.2	75.5	75.5		76.8		78.1	78.7	78.7	78.7	78.7	78.7	81.3
	17.4	67.7	19.18	74.8		76.8	77.4	8		80.0	0	0		0	80.7	
7 1800	17.4	67.7	72.	74.8	76.8	76.8	77.4		78.7		0		80.7		80.7	83.2
1	17.4	69.0			78.1		78.7		80.0	-	-	-		-	81.9	84.5
1200	17.4	69.0	4:	76.8	78.7	78.7	79.4		80.7	81.9		82.6		82.6	82.6	85.2
1	17.4	69.0	74.		80.0	0			82.6		:			*		87.1
8	17.4	69.0	74.	78.1	80.0	80.0		5	82.6	83.9	*	84.5	84.5	84.5		87.1
	17.6	0.69	74.		80.7	0	-		83.2	84.5	85.2	85.2		85.2	85.2	87.1
92	17.4	69.0	74.	78.1	80.7	80.7	82.0	83.9	83.9	85.2		85.8	85.8	85.8	85.8	88.4
009	17.6	69.0	74.		80.7	0			85.2	86.5		2		-	87.1	89.7
88	17.4	69.0		78.7	81.9	81.9	84.5			88.4		6	89.0	6	6	91.6
	17.4	69.0	74.		82.6	82.6	85.2	4.88	88.4	89.7	•	800	0	90.3		92.9
300	17.4	69.0	74.	19.4			87.1	91.0			-	2.46	;	94.2	;	
	17.4	69.0	74.		83.9	•	87.1			92.9	•			*		98.1
92	17.4	0.69		79.4	83.9	83.9	87.1	91.0	•	•	93.6	2.46	94.2	94.8	95.5	98.7
٨١		69.0	74.	79.4	3.	3	87.1	-	-			*			3	100.0

NAVWEASERVCOM

(9)

0

0

BRUNSWICK, MAINE

BRUNSWICK, MAINE

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

REEL

AI

AI

2 5/16

٨١

٨١

٨١

٨I

AI

N Al

Al

71

AI

2

(FEET)

NO CEILING

18000

14000

ALAI

9000

2000

9000

4500

ALA

VISIBILITY (STATUTE MILES)

5703 CEILING VERSUS VISIBILITY

71.6

71.6

81.3

81.3

81.3

81.3

79.4 78.7

81.9

80.7 80.7

77.4.7

82.6 82.6

881.9 882.6 83.2 93.2

80.7

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

2500

ALAI

1800

AI AI

900

ALAI

3000

ALA

74.8

88

ALAI

88

ALAI

88

ALAI

80

AIAI

88

AIAI

HOURS (CS.T.)

10

5703 CEILING VERSUS VISIBILITY JAN 68

PERCENTAGE FREQUENCY OF OCCURRENCE	(FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)							
(FEET)	5 1	9 11	80	4	N AI	2 2%	1 2	¥1 Y1	×1 ×	- AI	X AI	* Al	N Z	\$ 5/16	2	7	٨١
NO CEILING	15.5	49.7	50.3	50.3				50.3	50.3		50.	50.	3 50.	3 50		6.0	50.
N 20000	-	57.4		58.7		58.7	4			58.7	58.	58.	5	-			58.
18000	18.1	57.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58	7 58.	7 58.	7 58		8.7	58.
	18.1	57.4	58.7	58.7							58.	58.	-	7 58		8.7	58.
2 14000		58.1	\$9.4	59.4	\$9.4			\$9.4		59.4	59.	59.	~	4 59	.4.	4.6	39.
	18.1		61.3	61.3	61.3		61.3			•	61.	61.	0	0	. 3 6		61.
≥ 10000	10	61.	3.	63.2	3.		63.2		3.	3	63.	63.	•	2 63			63.
- 41		62.	63.9		63.9	3		63.9	£		63.	63.	9	9 63	-	3.9	63.
> 8000	8	65.2	66.5	67.1	7.	67.1	67.1	67.7		67.7	67.	7 67.	7 67.	7 67	F.	67.7	67.
000				-	6	•	6		69.7		69.	69.	0	7 69	-	9.7	69
0009 AI		67.7					6	0	0		70.	70.	-	3 70	101	6.0	100
	16.7		71.0	•	1			•	72.3		72.	72.	1	3 72	.3	2.3	72.
	18.7		71.0		72.3				2.		72.		1		6	5.9	72.
1× 4000	19.6	72.9	74.8	75.5					9		76.	76.	-		-	6.1	76.
> 3500		74.2			76.8		. 9	77.4	77.4	77.4	77.		1	4 77	*	7.4	77.
	20.7	76.8		80.0		0	80.0		80.7		80.	80.	8			0.7	.00
≥ 2500		77.4	80.0	60.7	80.7		•	-	81.3		81.	3 81.	3 81.			1.3	81.
				81.9	81.9	-			82.6	2.	83.				.2	3.2	83.
0081 Y	21.3	78.7	:	81.9	81.9		81.9	82.6	82.6	82.6	83.		2 83.	2 83		3.2	83.
- 1	-	79.4	-	83.2	83.2	3	-	3	3.	3.	8						84.
1200		80.7	83.2	84.5	84.5		3		85.2			85.6	8 85.	8 85		8.6	
		80.7	3	84.5		85.	85.2		3.	3.	8		9 86.	5 86			96.
8 Al		81.3		85.2	85.2	85.	85.8				87.	87.	-	1 87	-	-	87.
		82.6	3	86.5	•	87.				88.4	89.	89.	•	0 89			89.
92 41	21.3			87.1	:	88.		89.7	89.7	6	90.	90.	•		m.		90
08 AI		82.6	3.	87.1	•	89.			-	•	92.	92.	0	3 92	-	2.3	
98 AI	21.3	82.6	:	87.7	89.0	89.	:	93.6	3.	93.6	94.	2 94.2	2 94.		.29	;	
	21.3	82.6	5	88.4	6	90.	-			•	94.	94.	0	96 B		4.8	94.
86 41	-		:	88.4	€.06	:	92.9		95.5		96	96				4.	97.
		82.6		88.4		-	3	96.1	.0	96.1	•	0	4 97.	4 98	6 1.	8.1	98.
VI 8	21.3	82.6	85.8	88.4	90.3	91.0		96.1	96.1	96.1	96.8	97.	4 97.	86 4	6 7.	14.6	001
	21.3	82.6		88.4		-	3		0		0	97.	4 97.	4 98	61.	*	

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0

TOTAL NUMBER OF OBSERVATIONS

0

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

BRUNSWICK. MAINE

13 HOURS (1 S.T.)

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5703

CEILING VERSUS VISIBILITY JAN 68

	0 A 74	.7 47.7	8 54.8	.8 55.5	.1 58.1	.3 61.3		.8 65.8		7 78.7		200	.3 90.3	00	.1 96.1	0 O	410
	8/16 ≥ ½		8 8	40		60	200	9 0	2.	1.0	9 W	80 20	m 0	200		00	4.
	AI 2	4.2 54			8.1 58	60	5.2 65	9.4	2.97		5.2 8	7.18	40	4.8 94	7.4 97	9.4 99	4.
	* 1	7.7	54.8 5				65.8 6	9.6	8.7	-0	82.6	5	90.3 9	0 00	96.1 9	98.7 9	98.7 9
	× Al		54.8	50	58.1	2.3		8.6	28	78.7	Nin	· ·	90.3		96.1	98.7	2.86
ILES)	1 1	7 47.7	54.	55.5	8 8			00		78.7	20	÷.		00		97.4	4 97.4
STATUTE M.	7 1 %	54.	3 3	55.	58.		65.	50		r &	8 82.6	& &	0	92.	8 96.	4 97.	4 97.4
VISIBILITY (STATUTE MILES)	٧١ ٢	24.	8 34.	55.	8.8	3 61.	65.	500	72.	78.	25	86.	0 90.	94.	5 95.	1 97.	1 97.
	1 × 1 × 2	7 47.	8 8		20 20		00			1 - 4	9 8	∞ ∞		00	00	00	0
	3 22%	.7 47	8 54 54		2.5	60		0.0	E .	3 81		80 10	.0 89	00	00	6 93	6 9.
	A1	7.7 47	4.8	~ ~		60	0 0	20	2.3 72	- 6	1.9 81		40		P. W.	00	. 3
	8 1	47.7 4	54.8 5	200	27.8	2.0	5	9 4	7.6 7	7.47	2	5.28	6.58	7.7	2.7.7	87.79	7.7 9
	o Al		20	-	*-	59.4	62.6	2.0	P. 5	21	*	5.0	00	6.0	50 50		S. 4.
	2 1	16.8		17.4	17.4	17.4		18.1	20.7	21.3	21.9	21.9		21.9		-	
CEILING	(FEE)	NO CEILING	91 VI VI 00081 VI 00081	14000	900 111	71 VI	9000 AI AI			14 IV	VI VI 081 082	VIVI 080	88	88	88	88	8

NAVWEASERVCOM

0

0

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TOTAL NUMBER OF OBSERVATIONS

0

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

....

CEILING VERSUS VISIBILITY

155

TOTAL NUMBER OF OBSERVATIONS

٨١ AI 2 5/16 22 11 81.3 83.9 86.5 88.4 VI VI 78.1 83.9 81.3 83.9 83.9 83.9 83.9 65.8 65.8 66.5 66.5 68.4 68.4 63.9 72.4 AI VISIBILITY (STATUTE MILES) (FROM HOURLY OBSERVATIONS) 68.4 74.8 45.27 86.5 66.5 72.9 81.3 ۲ ۸۱ 63.9 4.89 2 2 1/2 72.04 63.9 65.8 85.8 78.1 81.3 M Al 20.0 57.4 58.1 58.5 53.4 5 20.0 57.4 58.1 58.1 58.7 4 5 20.7 62.6 63.2 63.9 6 5 2 21.3 67.1 67.7 68.4 6 23.9 75.9 75.9 76.8 76.8 76.1 72.9 72.9 7 23.9 80.0 82.6 83.9 8 23.9 80.0 82.6 83.9 8 23.9 80.0 82.6 83.9 8 23.9 84.5 85.6 83.9 8 VI 4 53.6 54.2 83.2 86.5 N Al ۰ ۸۱ 23.9 8888888 0 23.9 23. NO CEILING

2500

1500

AI AI

0

900

AIAI

0

88

AI AI

88

88

ALAI

0

NAVWEASERVCOM

80

ALAI

88

AIAI

BRUNSWICK, MAIN

VI VI 00091 00091

0

(FEET)

0

0

12000

900

AI AI

2000

2000

3000

CEILING VERSUS VISIBILITY

RENCE	0
ENTAGE FREQUENCY OF OCCURRENCE	VATIONS
ENCY O	Y OBSERVATION
E FREQU	(FROM HOURLY
NTAG	(FROM

(FEET)						-										
	2 4	o Al	S AI	7.1	E A1	× 2%	12	¥1 ¥	٧١ ¾	-	% Al	*	% A	≥ 5/16	VI N	٨١
NO CEILING	10.1	52.9	52.9		92.9	52.9	53.6	-	m 00		M 00	-	53	~ ~	53.6	53
00091	17:	96.0	57.4								00 0		98	58.	00 C	0
	11.	96.0	57.4	-0		-0			8		0		50	98.		
	**	5.0	200	200	20	200	-	00		m m	mm	-	63	63.	9 19	MM
VIVI 2000 7000	17:4	63.2			5	25	50	20	90	nr.	SIL	20	65.	63.	SI	
9 90 8 80 8 1 A1	17.4	63.2		-0	-0	-0	- 6	-0	-0	- 6	-0	-0	200	69.	-0	
4500 1 × 1 × 1	17.4	71.0	72.3	00	00	0 %	- 6	6	3.	- 6	- 19	3	73.	71.		
3000	17.4	- 2	72.9	W 4	*	. 4	* 5	+ 10	* 10	**	4 10	* "	25	35	4 10	
1 × 1 × 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 ×	18.1		-10	**	24	24	2		90		W R	95	88	83.	3	m m
	18:1	ôå.	mm .	**	**	* 00 4	500	500	2.10		WEL	500	87.	87.	wer	W L
88 88		8 6 6 6	***	8 6 6 6	86.2	87.1	400	000	800	8 9 9 9	400	400	900	000	900	
1986	111		500	9			10	. 6-	0-		0-	0-1	90	90.	-0-	00
88	18.1	82.6	00	00		9	* 10		**	**	40	+ 5	94.	95.	40	
380	18.1			9.		90	50	5.	33		90		6.	96.	90	
80	18.1	82.6		66			5 5				8		98.1			

0

TOTAL NUMBER OF OBSERVATIONS

1

NAVWEASERVCOM

0 Al

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

۸۱

1

AI

2

(FEET)

0

NO CEILING ¥ 20000

0

0

4.68

88.4.8

83.9

79.4 80.0

79.4

79.4

78.7 79.4 81.3 84.5

82.6

80.0 76.8

84.5 86.5 82.6 89.0 80.0 E . 06 91.0 79.4 91.0 86.5 86.5 89.0 90.3 91.0

79.4 84.5 86.5 80.0 86.5

71.0

2 5/16 AJ ۸۱ 80.0 19.0

X N ٨I

62.6 62.6 62.6 62.6

7

1 2% N Al

66.3 18.1

19.4 16000 Y 1 4000

AI AI

0

AI AI

0

19.4 69.7 20.0 900

ALAI

71.0

76.1 20.02 2000 9000 964

AI AI

0

20.7 79.4 20.7 79.4 20.7 79.4 3000 2000 1800 980 AI AI ALAI AI AI AI AI

0

0

0

0

0

83.9 83.9

81.3

19.4

85.2

80.0 80.0 20.7 88 88 AI AI ALAI

20.7 80.0 20.7 80.0 20.7 80.0 20.7 88 AI AI

87.7

80 88 AIAI ALAI

0

0

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

0

BRUNSWICK, MAINE

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PERCENTAGE FR (FROM HO

BRUNSWICK, MAINE

W	
OCCURRENCE	
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REQUENCY	OURLY OBSERVATIONS)
*	7
-	0

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILE	(5)						
(FEET)	0 4	9 41	\$ 41	4	£ 1	≥ 2%	12.3	2 1%	¥1 ≥	<u></u>	% Al	*	N %	≥ 5/16	% AI	1 0
NO CEILING	16.3	6.64	50.9	51.2	51.4	51.4	916	51.7	51.7	51.9	52.1	52.2	52.3	52.4	52.4	53.1
-		25.0	4	ė.	4	1	4		3		0		0	0 0	0 0	27.0
00091	7.0	1.00	•	200.0	•	:	•	:	:	:,	•.			0 0		*0.1
		:				:	:		. 0		9			9 0	2	200
000	200	å.		:.	•	:	•.								•	200
		26.2	:			0	3			7	:	:		•	3	000
N 10000	17.6			ċ		0		01.0			\$	-	-	-	-	4.20
	17.7	59.0	:	0	-	-	-	61.9			2.	3	2	2	3	63.4
	17.9						3				.0	•			;	67.7
7000	18.1		:				-	-					*		8	69.3
1		63.8		•	7.	-			8.		8		6		6	69.8
2000			:				6	6	6	0	0	0	0	0	0	71.4
	18.5			6		6	ċ	0	0	-	-	:	-	-	-	72.4
141		68.6	0	2	2.	2	-		5	*	;			*	*	75.4
1		70.1	2		*				2	3	2	9		9	. 9	76.9
3000		72.2	;	•		.0		1	7.			8		8	8.	79.4
> 2500	19.7		2		9.	6		0		.0	81.0	1 .		1.	1:	82.1
		75.7		.0	ò	0		2	2.	2	3	2:			3	83.9
N 1800						-	-	2.	3	2	3			3.	3	84.0
	19.8			:	2.	2.			3	*						85.6
1200	19.8		ò	2			*	:	*	*	3	3	3	3	3	86.4
N 1000			0		3		3	5	3			9	•			87.4
006 AI	19.8		-	3.	84.8	8	3		;	•	-	-	-	-	-	88.3
			:	:	3		. 9	-	-	-			8	8		89.4
			-	84.8			1.				6	6	6		•	90.9
009 AI			2.		1:	7.		0	0	0	0	1:	-	-	-	92.0
200			2.	85.7	8	8.	.0	:		2	5.	2.	•	3	3	94.0
0¢			2	86.1		6	-	2	3		19			*	;	94.9
8	19.8	79.0	82.4	86.1	88.8	89.4	91.7	0.00	0.46	94.8	4.50	s.	95.9	· ·		6.96
			82.4	86.1		6	2		•		6		0	9	-	97.8
VI 8			82.4	86.1					6.46	*	36.2		;	-	97.7	99.0
^1	19.8		82.4	86.1	•	6	•	4	94.3		•	0	0	-	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

0

0

HOURS (L'S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NON

CEILING VERSUS VISIBILITY

400

TOTAL NUMBER OF OBSERVATIONS

CEILING							VISI	VISIBILITY (STATUTE MILES)	TUTE MILE	(\$3						
(FEET)	5 4	9 11	\$ 41	AI AI	6 41	2 2%	2 4	N 1%	¥1 V	- AI	*	*	Z AI	≥ 5/16	× AI	٨١
NO CEILING		45					-				8			8		.84
> 20000	8.7	48	50.0			9	51.3	51.3				2.		2.		52.
N 18000		48.7	50.0	50.7		50.7	51.3		-	2	3	5		52.0		52.
		48				0			-	2.	2.	2.		2.	2.	52.
	6.3	50.	51.3			2.	3.		3.		+			4		54.
> 12000		51.				,				3.	3	5		3		55.
		35	55.3			0	-		7		8			8	8	58.
0006	10.0	54.0	55.3							8	8					58.
	11.3	55.	56.7	58.0	58.0	58.0	8	58.7	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.
7000		56.0	57.3					6		0	0	0		60.0		60.
			-	58.7		58.7				0	0	0	0	0	0	60
0000			61.3	62.7			-			64.0	64.0	;			0.49	.40
			1	65.3		2	:							66.7		
000		- 10-	67.3	69.3				0	0			71.3	h .	2	3	72.
	12.7	67.3	68.7	70.7			72.0			72.7	72.7			73.3	73.3	73.
3000	2	100	72.0	74.0					2			76.0		9		76.
		100	73.3	3.					.0	7.	7.	7.		8	8	78.
× 2000		-	74.7				78.7					6	0		0	80
1800	3.		74.7	. 9					8		6	6	0	0	0	
> 1500	13.3	241	74.7								0	0	0	0	0	80.
		4.5	1	76.7	78.0			8	8.		0			1.	1:	81.
V 1000		400	76.0	•		6	•			82.7	2.	3		+	:	84.
98 AI			76.7			0	2	2			:	3				86.
	13.3	74.7	76.7	•	2.	2.			5	86.7		-		8		88.
		74.7	76.7	0	2.		*	:	5			-	88.0	8	88.0	86.
009	13.3	75.3	77.3		83.3	3	85.3	9		88.0			=			89.
		75.3	77.3	-	3.			7.	8	6		0		0	0	90
007 AI	13.3	75.3	77.3	2		85.3		0	0			3		;	;	94.
	•	75.3	77.3	82.0	3	5	88.7				92.7		94.0		94.0	. 46
> 200			77.3	82.0		85.3		0	0		3.			*		94.
91	13.3	75.3	77.3			85.3	*	0.06	40.4	2	93.3	0.46		95.3	95.3	98.
0 1	-	75.3	77.3	82.0		85.3	88.7	0	d	2.	3		94.7		5	100

0

0

(3)

0

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0

NAVWEASERVCOM

BRUNSWICK, MAINE

5703 CEILING VERSUS VISIBILITY JAN 6

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

BRUNSWICK, MAINE

HOURS (LST.)

NUN

.

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	0 4	9 11	S AI	7	e Al	12 A	2 41	¥1 ¥1	¥1 Y1	- AI	AI AI	*	Z AI	≥ 5/16	AI AI	AI O
		40.	6			0					47.	-	-	47.	2	48.7
≥ 20000	2	50.	50.0	50.0		9				0	51.	1	-	51.	-	52.7
≥ 18000	12.7		50.0	50.7	50.7	50.7	50.7	50.7	50.7	51.3	52.	52.0		52.		53.3
		50.	0			0			0	-	52.	2.	2.	52.	2	53,3
		50.	0			:			-	2.	.25	2.		52.	5	34.0
≥ 12000		52.	2.	52.7		2	. •		2.	3.	54.			54.	*	55.3
≥ 10000		54.	54.0								.95	. 9		56.		56.0
	4	54.	-	•		.0			0	-	58.			58.		59.3
		56.	.0	8.	8.	8.	8.		8		•09	.0	0	•09		61.3
≥ 7000		57.	7.			6			0	0	61.	1:		61.	-	62.7
	4	58.		0	0	0	.0		-	2.	62.	2.	3	63.	3	64.7
2000		59.	ó			2	2				64.	;		64.	:	66.0
		63.	-						7.		.89			.69	6	70.7
1 4000		66.		69.3					0	0	71.	-	2	72.	2	73.3
		66.	6		6	6	6		0	0	71.	-	2	72.	2.	73.3
3000		70.	2	74.7		;			3		76.		7.	77.	7	78.7
≥ 2500		71.	2.	75.3	5.	2	5		.0		17.	7.		78.	8	79.3
> 2000		73.	*			2			8		80.	0	-	81.	-	82.7
2 1800		73.	74.7	77.3		-					80.	0		81.		82.7
		73.	74.7	77.3					6	0	81.	-	2	82.	2	83.3
2 1200		73.	74.7	77.3					6	0	81.	-		82.	3	83.3
2 1000	3	73.	74.7						6	0	81.	2.	5	82.	2	84.0
006 AI		73.	74.7	77.3		8.			6	0	81.	2.		82.		84.0
	3	74.	75.3	8					0	-	82.	5	3	83.		84.7
		74.	n				6			2	82.			84.		85.3
009 1		74.	3			0	ò		2	3	84.		5	85.	3	
900		74.	3	78.7		3			*		87.			89.	6	90.7
1 400		74.					*		86.7	6	90.	0		92.	2	
300	15.3	74.0	76.0	0	82.7	83.3		86.7	17.1	90.0	90.7	92.0	93.3	0	93.3	94.7
		74.		80.0	82.7	-				0	90.	2		94.	;	95.3
91		74.		80.0		83.3	84.0	86.7	86.7		- Annual Control	92.7	94.7	*	7.46	96.7
٥		74.			82.7	83.3		86.7	86.7	•	0	2.	94.7	.04.7	94.7	0000

0

0

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

0

HOURS (LST.)

A DINGE

CEILING VERSUS VISIBILITY

BRUNSHICKS MAINE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	VISIBILITY (STATUTE MILES)	TUTE MILE	S						
	5 1	9 11	8 41	*	e Al	> 2%	7 41	71 74	71 17	- AI	X N	* 1	N %	≥ 5/16	× N	0 1
O CEILING		*5		43.3	43.3	4.0	44.7	100	44.7	44.7	44.7	44.7	45.3	45.3	45.3	50.0
18000				100	10.7	47.3	0.84			68.0	48.0		48.7	48.7	48.7	50.0
		9:	47.3	6.7	47.3	0.0		200	50.7		80 0		49.3 50.7	50.3		50.7
	10.7		50.7		51.3		52.7			52.7	52.7		53.3		53.3	
		53.			56.0		57.3	57.3	57.3	58.0	. 0		58.7			
9 9 AI AI		55.				0 4	04	60.0	04		65.3	65.3			61.3	67.3
VIVI 0004		50		The second second	50			9 %			67.3	67.3	74.0			69.3
1		00	69.3		70.7	71.3	23	72.7	72.7	73.3	6.0	73.3			74.07	78.0
2500 17 17		900			500			78.0					82.0	82.0	19.3	83.3
1800 1500	10.7	69.	74.7			78.7	80.0		80.7	81.3		-2	20	22		
71 Y I				76.7			80.0		81.3	82.0	82.0		83.3	83.3	83.3	44
8 8 AI AI		70.	::	78.0	80.0		81.3	82.7	82.7	83.3	83.3	83.3	3 5	84.0	84.0	85.3
88			76.7	78.7	80.0			83. 84.0	m *	::	84.0	4.0		85.3	85.3	86.0
8 8 8 8		72.	::	80.0	81.3		;	87.3	86.0	87.3	87.3	80 90 90 90	. 0		90.7	89.3
88 81A1	10.7	72.		80.0		83.3	85.3	88.7	88.7			91.3			94.0	94.0
80	10.7	72.0	78.0	80.0	82.0	83.3	85.3	88.7	88.7	90.7	90.7	92.0	94.7	94.7	95.3	98.0

0

0

0

0

0

0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BRUNSWICKS MAINE

HOURS (LS.T.)

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		10	F 19	3	-	0	0	OF	M	0	W	0	0	0	-	-	MI	-	0	-	0	M	0	m	0	(1)	0	Ö
	٨١	*0	50	2	52	88	_	62.	65		_	7	76.	80.				28		:	86.	87.	-	63	96	66	100	100
	7	1.0	- "							0											•						0	
	Al	40	50	2		28		200	6	28		7	76	80	80	80	8	20	8	8	86		92		96		001	100
	5/16		7.6																				•			•		
	V)		50			500		62											84						96			100
	2	10	- E														•											
	Al	40	50	3	26	38	3	62	65	68	13	7.	76	80	2	80	8	70	8	8			92	6	_	96	0	97
	*	.0	7.				•			0							•						•					•
	ΛI	500	50	2	20	3		200										0 4	8	8	86		9		96	6	96	96
	*	.0	7.	wi	•	• •						•				•	•	•								•		•
	٨١	500	500	5	20	5	9	62 62	5	9	73	7	76	80	8	8	00	20	8	8	86	8			96			96
	-		7.1																							5.3		•
ES)	AI	40	50		52				9 6										8	8	252300	7000	-	12000	94		96	1000
VISIBILITY (STATUTE MILES	7%	7.1	7.1		•	• •								•	•			•					•		0.0	•		. 3
ATUT	Al	54	50	5		58		40	9		73	74	76	12	8	8	8	0 0		8					6		5	0
Y (ST	1,4		1.7			• •		0	• •		•								. 3						0.0	•		
110	ΛI	400		2	5	30		29	3			7				8		20 0	83	-		8	58	6			6	6
N N	~	7.	7 . (8.0		2.0			3.3					•		•	2.7			5.3			8.0		8.0	•
	٨١	**	20.00	5	2	. 80	9	9	0	9	-	~	~	1	-		0	2C 0	0	80	80	00	80	8	8	8		8
	2%	4.0	7.6		•	• •		200									•	•								8.0		8.0
	۸I		10 10					0 4	0	0	1	1	-	1	-	1	0	0 0	30	00	8	8	30	90	20	0		8
	•	7.0	7.0	3		8		200		0.0	•					9.3	•		2.7			•	7.3		•	8.0	8.0	8.0
	٨١	4 50	3.50		2				0			1	1	-	-	1	8	30 a	60		00	8	00	00	144.000	-		8
	•	7.0	1.0		•	0				8.0		•		•		9.3	•	•	2.0	2.7	•	4.7	6.0	6.7	6.7	5.7	6.7	5.7
	٨١	+4		-	5	, 20	9	9	0	0	-	1	-	1	1	1	0	0	0	00	0	8	8	30	8	80		8
	\$	1.0	7.0			36.		-		5.7		1:		•	•	2.9	:		. 4			:	2.	3.	2.	2	2.7	2.7
	AI .	-	2								_	-							-			-			8	80	00	80
	•	0.1	9.3		-												•						8.7		8.7		8.7	8.7
	ΑI	44	46	-	20 4	-		W 2			-luci						_		-									-
	2	1.0			•	2.0		200									-		2.0			2.0			2.0		2.0	
	۸I	37	==	-		-	~	12	-	-	-	-	-	-	-	12	-	25	•	12	-	1	-	-	12	-	12	-
9	6	S S	18000	8	8 8	800	8000	8 8	2000	8	4000	8	3000	2500	00	1800	8	1200	8	8	8	909	200	8	300	8	8	
CEILING	FE	NO CEILING	N VI VI 55 55			38	Si Al		11 VI		4		8		1 20			20		I A I		٨١		AI AI		Al		٨١
		ž	, , , ,													-			1			"						

0

TOTAL NUMBER OF OBSERVATIONS

0

NAVWEASERVCOM

0

99.3100.0100.0100.0

98.0

98.0

92.0

87.3 88.7

86.0

85.3

10.1

80

ALAI

150

TOTAL NUMBER OF OBSERVATIONS

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NON

BRUNSWICK, MAINE

CEILING VERSUS VISIBILITY

				PERCEI	(FROM	FREQUE	UENC ILY OF	Y OF	FERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	S)					HOURSTEST	
CEILING								()	VISIBILITY (STATUTE MILES)	a l						
	۸I 2	9	8	4	e Al	≥ 2%	7	۲۵ کا ۱۲۸	VI 7.1	~i	% Al	*	Z Al	≥ 5/16	AI	0 11
NO CEILING		0.04	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
18000	2		1 6	50.0	20.0		200	20.05		20.0	50.0	_			50.0	50.0
N 16000		49.3	50.0			50.0	50.0		50.	50.0		50.0	50.0	50.0	50.0	50.0
≥ 14000		*	3	50.0		50.0	50.0	50.0		50.0	90.0	50.0	50,0	50.0	50.0	50.0
1 1 2000		50.	3		50.7	50.7	50.7	50.7	50.	50.7	50.7	50.7	50.7	50.7	50.7	50.7
VI VI 0000	6.7	52.0	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52,7	52.7	52.7	52.7
		K S.	20.0	20.2	200	50.0	50.2	80 2	2000	80.0	80.2	50.2	200	200	20.00	80.2
141	-		60.0	60.09	60.0	60.0	60.00	60.09	60.0	60.09	60.09	000	000	60.0	60.00	60.0
0009 AI		-0.	6	0.09	6		0	0.09	6		60.09	0.09		60.0	60.0	60.0
2000		60.	61.3	61.3			611.3	61.3	61.3		61.3	61.3	61.3	61.3	61.3	61.3
V 4500			64.0	0.49	0.49	64.0	64.0	64.0	64.0	04.0	64.0	0.49	64.0	0.49	0.49	64.0
		.69	0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
3200			72.0	72.0	72.0	72.0	72.0	72.0		72.0	•	72.0		72.0	72.0	72.0
		14.	3	75.3	75.3	16.0	76.0	76.0	•	•		0.0		16.0	76.0	76.0
7 200	10.1	76.0	72.3	E - G -	77.3	7.00	78.0	78.0	78.0	0.00	000	0.0	9 0	18.0	90	200
		76.	78.7	78.7	78.7	79.3		80.0					80.0	80.0	80.0	80.0
1500		77.	80.7	80.7	80.7	81.3	82.0	82.0		82.0	82.0	82.0	82.0	82.0	82.0	82.0
1200			82.0	82.0	3.	82.7	84.0	84.0	•	84.0	84.0		84.0	84.0	84.0	84.0
		800		84.0			86.0	86.0		86.0	86.0	80.0	90.00	80.0	86.0	86.0
8 8	10.		9 4	0.40	9 4	2 4 4	90	90.00	0.00	0.00	0 0	0 0	0 4	900	000	900
		80.	84.7	84.7	;	85.3	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
8		100	84.7	84.7	84.7	85.3	86.7	88.0	88.0	68.0	88.0	88.0	88.0	88.0	88.0	88.0
8			84.7	85.3	85.3	86.0	87.3	89.3	89.3	90.0	90.0	0.06	90.0	90.0	90.0	90.0
	10.7		85.3	86.0	86.0	87.3	88.7	90.7	90.7	93.3	94.7	4.1	94.7	94.7	94.7	94.7
88	10.7	81.3	85.3	86.0	86.0	87.3	88.7	92.0	92.7	96.7	98.0		98.0	98.0	98.0	98.0
		81.	85.3	86.0	86.0	87.3	88.7	92.0	92.7	96.7	98.0	98.0	98.7	66.3	99.3	99.3

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CEILING VERSUS VISIBILITY JAN 68

16 HOURS (1.5.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	(S)						
(FEET)	5	۰ ۸۱	5 4	4	17 3	> 2%	2.2	×1 ×	7 1%	A I	* 11	*	N %	≥ 5/16	% Al	0 1
NO CEILING	6.0	42.	48.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
00081 4			6		0	0	0	0		0	0	0		0		
		0	: 6	•	·	å -	a.	5-	3-	0 -	3-	3 -	5 -	3 -	5 -	
17000		20.	50	- 2		: 2			2	- 2	: 2			: 2	: 2	
N 10000		52.		:	*	:	3	:	*	;	;	3		;	:	
		53.	*		3	3	3	5		5.	3	2	2	2	2	
0008		57.							0			· ·				
		600	20	63.3	2 4	2 6	2 4	63.3		2 6		36	3 6	2 6		63.3
1 11		6	2													66.0
× 4500		99				8	8		0				8		8	
N 4000		68.	0	0	ò	0	ò	0		0	0	0	0	0	0	70.7
> 3500		68.	0	1.	•	1:	1.	1.	-	-	-	-		1.	1:	71.3
		71.	3								:				*	74.0
> 2500		74:	•				-	-	-	-	-	-		1.	-	77.3
- 1		76.		-	-	-	8		8			8	8	8		78.7
1800		74.	30	-		-										78.7
	•	10.		ė.	0	0	-		7	2	,	,	,	2	7	82.0
1414		2		84.7		3 5		: :		: -	-	-	87.3	: -		87.9
0% 1		17.	0		3	3	÷	-	7.	-	-	-	7.	7.	-	87.3
	10.7		2.		7.	-	8	6	0		6	6	6		6	89.3
1 700	10.7	78.7			-	-			6	6				6		89.3
	10.7	79.3		1			6	0	0	ò	0	ò	0	0	0	90.7
98	10.7	79.3	ë	-			0	-	:	=	-	-	91.3	-	-	91.3
	10.7	79.3			88.7		ò	-	-	2	3	2	2	3	2	92.7
88	10.7	79.9					ò	2.		;	;	:	96.0			96.0
	10.7	19.3		67.5	64.0	:	à		0	•	ò.		0 0			000
80	01	4.0 t		01.0	000	200	.00		000		000	000		0 0		000
1	• • •	200	2000		2000				3		•			3	5	

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TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

BRUNSWICK, MAIN

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

1 9 HOURS (LS.T.)

CCURRENCE	(SNO)	
ERCENTAGE FREQUENCY OF OCCURREN	FROM HOURLY OBSERVATIONS)	
PERCENTAGE P	(FROM HC	

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILI	(53)						
(FEET)	2	۰ ۸۱	\$ 1	4	es Al	> 2%	7	¥1 Y	¥1 VI	- 1	% Al	*	Z Z	≥ 5/16	N NI	0 1
NO CEILING		53.	54.7	54.7	54.7	54.7		55.3			55.3	55.3	55.3	55.3	55.3	56.0
00081 4	12.7		20.0	200		70	0	000	000	000	000			0000	000	400
N 16000		5	59.3	59.3	59.3	59.3						000				60.7
N 14000		58.	59.3	59.3		9.		60.0		0						60.7
		59.	60.7	60.7	60.7				61.3	61.3				61.3		62.0
N 10000		•	61.3	61.3	61,3	61.3		62.0	62.0			3	62.0			62.7
0.5		000	62.0	62.0	62.0	2				2		2			4	63.3
0008		63.	64.7	4.19	64.7		65.3		65.3					65.3	65.3	66.0
and the		64.	65.3	65.3	65.3				99.0			3		-		
0009		68.	66.7		66.7	66.7		67.3	67.3	67.3		-		67.3		69.0
	2	.99	0.00	0.89	0.99		68.7		68.7					68.7	-	69.3
× 4500		.00	70.0	20.0	70.0	70.0		70.7	70.7	70.7		70.7	70.7		70.7	71.3
	2	10.	72.0	"	73.3	3	74.0		74.0	74.0		74.0		74.0		74.7
> 3500		72.	73.3	74.0	74.7			75.3		75.3		75.3	75.3	75.3	75.3	76.0
	-	123/00	74.7	73.3	76.0			76.7		76.7		76.7				77.3
> 2500	13.3	73.3	76.0	76.7	17.3	17.3		78.0	78.0						78.0	78.7
	-	100	76.7		78.7	6			•			80.0				10.7
V 1800	13.3	74.0	77.3	78.0	79.3	80.0	80.7	80.7	80.7	80.7		:	80.7	80.7		81.3
	13.3	Acres	78.0	79.3	80.7	1		82.0	-	2.		82.0		-		82.7
7 1200	13.3	75.3	79.3	05.0	83.3	;				:		84.7	:			85.3
		73.3	80.0		94.7	3		86.0	86.0			96.0		86.0		100.7
8 Al	13.3	76.0	80.7	63.3	65.3			86.7	;			86.7	86.7			67.3
		-	80.7	83.3		9		86.7	86.7			86.7	86.7			67.3
N 70	13.3	76.0	80.7	13.3	86.0	96.7		88.0	88.7	68.7	88.7	1.90	88.7	88.7	86.7	89.3
	13.3			83.3	86.0	3			89.3		-	90.0	90.0			90.7
200	13.3	76.0	90.1	0.4.	87.3			0.0	:	91.3		91.3	91.3	91.3		92.0
	13.3			1.1	98.0			91.3	92.0	92.7	-	92.7	93.3	93.3	93.3	94.0
300	13.3		80.7	65.3	88.7	80.3		93.3	0.40	4.1	94.7	4.40	95.3	95.3	95.3	96.0
	13.3		80.7	69.3	98.7	89.3			0.46	94.7		95.3	96.1	96.7	196	
VI VI	13.3	76.0	100	15.3	88.7	80.3	91.3	93.3	94.0	94.7	95.3	95.3	97.3	97.3	97.3	98.7
	13.3		80.7	65.3	98.7	89.3		93.3	94.0	94.7	95.3	95.3	97.3	97.3	97.3	100.0

NAVWEASERVCOM

BRUNSWICK, MAINE

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CEILING VERSUS VISIBILITY

VOIN I

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BRUNSHICK, MAINE

CEILING																
(FEET)	0 4	o Al	8 41	4 1	E AI	≥ 2%	7	YI %	VI %	Ā	% Al	* 1	Z Al	≥ 5/16	N N	٨١
NO CEILING	1			50.0	50.0	50.0	50.0	50.0	50.0	50.7	50.7	50.7		50.7	50.7	50.
2 20000	- 1				•	1	1	3		55.3	4	33.	55	~	55.3	55.
≥ 18000	10.7	54.7	54.7		34.7	24.7	54.7	54.7	54.7	55.3		52.	52	55.3	55.3	53.
	0.36	1500		54.7		54.7				55.3		55.	55.	•		
				55.3		55.3	5			56.0		56.	56.			
> 12000	100		56.0	56.0	\$6.0	96.0			56.0	56.7		56.	56.	36.		
1 -						0	ċ	0				600	60.	60.		
900		40.0				60.0		0			0	900	90	-09		
1	4		62.7	0	62.7			6	62.7	100	63.3	63.		1	63.3	200
200	10.50	0	0			0.19	1						3	. 40		
1	12.0			64.7	3	3			65.3			99	66.	66.		
2000			99	4		66.7		3		67.3		67.	67.	67.		
1					70.7		70.7		70.7	-	-	71.	71.	71.	71.3	-
14 4000				72.0						74.0		74.	74.	74.		
1										74.7		74.	74.	74.		-
3000			75.3	73.3						77.3	1:	77.	77.	77.	1	-
2500	2					76.7		1.		78.0		78.	18.	78.		300
> 2000	4.0									.0	0	80.	80.	80.	0	
V 1800	2.									0		80.	80.	80.	0	•
≥ 1500								0		0	0	80.	80.	80.	0	
- 1				78.7				0		-		81.	81.	81.		
V 1000						:	2.	2		3	3	83.	83.	83.		•
				81.3								84.	84.	84.	84.0	
800						3.				3		85.	85.	85.	3	0
							9	. 9	.9	.9		86.	86.	86.		
8						;				-	-	87.	87.	87.	-	
					3	3.				0	0	90.	.06	90.		0
140	12.7							0	0	-		91.	91.	91.	-	0
300				3.	5.	6.	89.3			92.0	5.	92.	.26	92.	2	
				•	•	-		2	2	:	:	95.	97.	97.		
8	12.7	76.0	79.3	84.0	86.0	87.3	0	92.0	92.0	04.7	04.7			98.0		0
			•		.0	7.		2	2	94.7	94.7	95.	97.	98.	98.0	100

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HOURS (EST

1200

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BRUNSWICK, MAINE

CEILING VERSUS VISIBILITY

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CEILING	t e i						VIS	VISIBILITY (STATUTE MILES)	ATUTE MILE	(5)						
(PEET)	S 10	9 Al	SS AI	4	M Al	Y 2%	14 2	٧١ ۶	٧١ ¾	- AI	* AI	*	% Al	≥ 5/16	× Al	٨١
O CEILING	9.6	45.3			46.2	.0			46.5	46.8	46.8	46.8	40.9		46.9	47.3
≥ 20000				51.2		51.3	51.5	51.5	51.5	51.8			. •	51.9	-	52.3
	10.4						51.9		51.9				52.3	52.3	52.3	
≥ 16000	10.4	50.5	51.4	51.7	51.7	51.8	52.0	52.0	52.0	52.3	52.3	52.3	32.4	52.4	52.4	52.8
14000	10.6				52.	2.	52.7	52.7	52.7			3.		53.1	53.1	53.9
2 12000	10.9	52.3		53.5	53.	53.6		53.6	53.8	54.1	54.2		. •	54.3	54.3	54.7
	11.1		55.5		56.0			\$6.4		56.7	56.8		90.96	56.8		57.3
0006 AI		55.2		56.8		.0	57.2	57.3	57.3	57.6	57.7	57.7	57.8	57.8	57.8	
	11.3	58.			59.	59.8		0	0	60.5		0				61.1
7000	11.3	59.4		61.3	61.3	-		61.8	61.8	62.1		2.	62,3		62,3	
-	11.3	.09			62.	2	2.	2.	2		2.	62.8	3.	63.0	3.	63.4
2000	11.5	62.		64.3	. 40	64.5		64.8	64.8	65.2		3	65.4		65.4	
				-	67.	7.	7.						8			
1400	11.8	67.		0	71.	71.3				2.	2.	100 FE	2.	_	2.	72.9
		9			72.		2.	2.		3	3.	3.	3.	73.3	3.	73.8
3000	12.2	71.	73.3	74.6	74.	75.1	75.4		75.7	76.0	•	76.1	.0	76.3	•	76.8
> 2500	12.3	72.	74.9	76.3	-		77.3	77.	77.6		78.1		78.3	78.3	78.3	78.8
> 2000	12.3		76.1		78.	78.4	79.0	7	79.5	80.0	0	80.1	0		0	80.B
V 1800		100		77.7	78.		79.1	79.			0		0	80.4	0	80.8
		74.2	-	78.7			80.3	0		81.3	-		81.7	81.7	-	
	12.3	74.4			0		:	81.8		82.4	82.5	95.6				83.3
V 1000		75.1		80.8	81.8	82.1	82.8			84.1	;		84.6		84.6	85.0
98 AI		3 75.3	78.7	81.3	82.	82.5	3	83.9	84.0	84.6	;	;	3	85.1	5	85.3
	12.3	75.7		-	83.	3	84.2		4.	85.5	5		86.0			86.4
		75.9		82.2	83.5			85.6	3	86.3		96.0		.0		87.3
009 1	12.3	76.3		82.7	84.0		85.6		•	87.4		-	87.9	87.9	87.9	88.3
905	12.3	76.4		83.3	85.		.9	88.3	88.5	89.7		89.9	90.3	90.3		
8	12.3			83.8	85.	20	88.0			91.4	-		92.8	92.8	2.	93.2
38	12.3	76.5		83.8		86.6	88.3	90.5	9006	93.0	*	93.8	24.7	94.8	94.8	95.2
	12.3	76.6		83.9	86.0		88.3	0	-	93.7		;	80.3	1	96.7	97.1
8	12.3	76.	80.3	83.9	86.0	86.7	88.3	90.6	91.3	93.8	6.46	6.46	1.96	97.3	97.3	98.9
0		76.	80.3	3.	86.			0	-	-77.00				97.3	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

DEC

BRUNSWICK, MAINE

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PRACTICABLE	1
THIS PAGE IS BEST QUALITY PRACTICABLE	TOWN WORN FURNISHED TO DUC
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CEILING							VISI	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES) FROM	M COPY	COPY FURNISHE	TOI CENT	Dan		
(FEET)	01 ×	9 11	S AI	7.1	£ 11	2 2%	2 2	¥1 Y	71 7	- 1	% AI	* 1	% AI	≥ 5/16	¾ Al	0 11
NO CEILING		49.0	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	6	50.3		51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
		51.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 16000	10.3	51.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
2 14000		51.0	51.0	\$1.6	\$1.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 12000	0	53.6	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.5	54.2	54.5	54.2	54.5	54.2	54.2
V 1000	11.6	56.1	56.1	56.8	56.8	;			56.8	•	8.95	56.8	56.8	56.8		\$6.8
		56.1	56.1	\$6.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
		58.1	58.7	59.4	\$9.4	59.4	6	39.4	59.4	10000		59.4	59.4	59.4	•	59.4
> 7000	-	58.1	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
1. 1.00		58.7	\$9.4			0	0.09	0	0.09	0		0.09	60.09			60.0
2000		60.09	60.7	61.3		61.3		61.3	61.3	61.3	61.3	-	61.3	61.3	-	61.3
	12.3	61.3			62.6	62.6	2		62.6	2		62.6	62.6	62.6	2.	62.6
4000	2	63.2	63.9	64.5	64.5	64.5	;	64.5	64.5	64.5	;	64.5	64.5		64.5	
		64.5	65.2		65.8	65.8		65.8	65.8	X 40000		66.5	66.5		•	66.5
3000		4.89	69.0	69.7	69.7	69.7	69.7		69.7	69.7			70.3	70.3		70.3
		71.6	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.6		73.6	73.6	73.6	73.6
7 2000	3	72.3	72.9	73.6	73.6	73.6		73.6	73.6	73.6		74.2	74.2			74.2
1800		72.3	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1500	12.9	75.5	76.1	76.8	76.8			76.8	76.8	•		77.4	77.4			77.4
		73.5	76.1	77.4	78.1	78.1		78.7	78.7	78.7	79.4	19.4	79.4	79.4	79.4	79.4
> 1000		75.5	76.1	78.1	79.4	19.4	-	81.9	81.9	81.9			82.6			82.6
% Al		75.5	76.1	78.7			81.9	83.2	83.2	83.2		0.00	83.9	30000	100	83.9
	12.9	75.5	76.1	78.7	80.0		81.9	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9
		76.1	76.8	79.4		80.7		83.9	83.9	83.9	84.5		84.5	84.5	84.5	84.3
N 400	2.	76.1	76.8	79.4	80.7	81.3	83.9	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5
98		76.1	76.8	80.0	81.9			87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4
		76.1	76.8	80.0	82.6	83.2	87.1	89.7	89.7	-	91.0	91.0	91.0	_	91.0	91.0
38		76.1	77.4	80.7	83.2	83.9	88.4	91.0	91.0	91.0	93.6	93.6	93.6	93.6	93.6	93.6
		76.1	77.4	80.7	83.2	83.9	88.4	91.6	91.6	91.6	94.2	94.2	95.5	96.1	96.8	96.8
8	12.9	76.1	77.4	80.7	83.2	83.9		92.3	6.26	92.9	95.5	95.5	96.8	97.4	98.1	99.4
	-		77.4	80.7	83.2	83.9	89.0	92.3	92.3	92.9	95.5	95.5	96.8	97.4	98.1	0000

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TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILI	ES)						
(FEET)	2 1	9 11	\$ 21	7 2	e VI	> 2%	7	YI %	۷۱ ۲۷	- AI	% Al	*	Z Al	≥ 5/16	N N	AI .
CEILING						8			6							50.
20000	12.9		1	51.6	51.6	-	2	2				2.		-		53.
18000			100		.:	F	2	2	2.	2		2			_	53
16000	12.9		500					2		2.		2				53.
14000	12.9		7.00	2	52.3			3		3.		3.			-	54.
12000	12.9	52.3	100							;						55.
¥ 10000	12.9	2		54.2		54.2	54.8	55.5	. •	5.		55.5			-	56.
0006				54.8				9		.0		9		1		56.
0008	12.9		1000	56.1		56.1	9	7.		7.		57.4		-	-	58.
2000	12.9			56.8			1	8				58.1			-	58.
0009	12.9	*	57.4	57.4	57.4	57.4	58.1	58.7	58.7	58.7	58.7	58.7	58.7	59.4	59.4	59.
2000	13.6		100	58.7	100	58.7		0	0	0		0			12	60
4500		2	1985	60.0	-	0		1.		1.		1:			-	61.
4000	4.	59.4	200	60.7	100	60.7	•	-	-			-		_		62.
3500	13.6	9	100	62.6		2.	3								-	64.
3000			-210	68.4			6					6		-	-	70.
2 2500	13.6	0	-	70.3		0	71.0	2.		72.3		2.			-	73.
2000		71.6		72.9				5	5.	3.				-	-	76.
₹ 1800	13.6	1	- 100	72.9			. 4	5.	5	5				-	-	76.
≥ 1500	6	76.		76.1		.9	7.		8			6		-		80.
≥ 1200	13.6	75.5		76.8		7	. 8		6						-	81.
2 1000		76.1	174	77.4		8		-	-	-		-		-	_	83.
98	13.6	76.1	100	78.1				:	-	-		2.			-	83.
900	13.6	76.8	-	78.7		6	1	3	3	3.				-	85.2	85.
92	13.6	76.8	1	78.7	111	6	1.			3		3		-	85.8	85.
909	13.6	-	1	79.4		0			5	3				_	88.4	88
2 300	13.6	76.8	16.30	79.4		.0	3.	5	5	.9		-		-	89.0	89.
400		-	1000	79.4		9		1	1:	8		6				916
300	13.6	76.8	1	79.4		0		87.1				0			92.3	92.
300	13.6	1	The sales		à	-	•		6	-		3		-	-	97
8	13.6	76.8	78.7	79.4		81.3		4.88	89.7	91.6	2.46	24.5		96.8	97.4	98
	13.6	76.8	78.7	79.4		3	9	2000		-	3	:		_	98.1	100

NAVWEASERVCOM

BRUNSWICKS MAINE

TOTAL NUMBER OF OBSERVATIONS

OCCURRENCE	'ATIONS)
PERCENTAGE FREQUENCY OF OCCURREN	(FROM HOURLY OBSERVATION

CEILING VERSUS VISIBILITY

CEILING							22	VISIBILITY (STATUTE MILES)	ATUTE A	(ILES)						
(FEE)	2 41	9	50 Al	4	es Al	> 2%	1 2	71 %1	¥1 ¥1	- AI	AI	* AI	AI %	≥ 5/16	AI ×	٨١
NO CEILING	9.7	45.6	43.2	43.9	44.5	45.8	45.8	45.8	45.	8 45.	8 45.8	45.8	45.8	45.	8 45.8	
3007		47.7	48.4			-			-	3	21.	21.	21.	51.	51.	21.
N 18000		47.7	48.4	69.0	49.7	•	51,0	51.0	51.	0 51.0	51.	21.	310	51.	51.	~
	•	48.4	49.0		ò	•	-		-	51.	51.	51:	51.	51.	51.	5
2 14000		48.4	49.0	49.7		51.6	51.6	51.6	51.	6 51.0	51.	51.	51.	51.	51.	
≥ 12000		48.4	49.0			•				51.	51.	51.	51.	51.	51.	5
≥ 10000		51.0	51.6		2.				54.	54.	54.	54.	54.	54.	54.	*
0006 ~1		51.0	51.6		2.	54.2	•		54.	54.	54.	54.	54.	54.	54.	54.
		53.6		54.8	55.5		8.95	\$6.8	.95		.95	.95	.96	.95	96.	8
> 7000		54.8	55.5	56.1					58.	58.	58.	58.	58.	58.	58.	8
		54.8		56.1	. 0		8		58.	58.	58.	58.	58.	58.	58.	8
2000		58.1	58.7	59.4					•		61.	61.	61.	61.	61.	•
		58.7		60.09		61.9		61.9	0	61.	61.	9 61,9	61.	61.	0	
V 4000		60.7	61,3				63.9		0	63.	63.	63.	63.	63.	63.	•
		61.9					65.				.69	65.	65.	.59	69	•
3000		67.1				-	10		1	71.	71.	71.	-	71.	-	1
≥ 2500		68.4	69.0	.6	1.	72.3	72.	72.9	1	72.	13.	73.	73.	73.	73.	-
		71.0							-	76.	77.	77.	77.	77.	-	78.
≥ 1800		71.0			74.2	76.1	. 9	76.8	-	76.	1		1	77.	1	
> 1500		71.6					76.		-	78.	1		79.	79.	-	80.
		71.6	72.3		74.8		4		1		-64	4	79.	79.	79.	0
> 1000		72.9			76.8		78.		8	81.	81.	81.	81.	81.	81.	-
98 Al		73.6		75.5	78.1		80.	81.3	81.	82.	83.		83.	83.	80	83.
		73.6			78.1	•	80.	•		82.	83.	8	83.	83.	83.	00
92 4		74.2			78.7		80.			83.	84.	85.	85.	85.	80	85.
909		74.8	76.1	76.8		:	81.		85.		86.	87.	87.	87.	•	87.
98		74.8		76.8			83.	85.8	-	87.	88.	00	89.	89.	89.	89.
> 400		74.8	76.1	76.8	79.4		83.	85.8	86.		80		.68	89.	89.	
300	10.3	74.8		76.8	0	2.		87.1	87.	.0	•		6	93.	93.6	*
		74.8		9	80.0	2.	83.9	87.1	87.		92.	0	95.	96.		97.
8		74.8	76.1	76.8	80.0	82.6	83.9	87.7	88	-	93.	4 94.2		0		100
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NAVWEASERVCOM

YEARS	RENCE	
	NTAGE FREQUENCY OF OCCURRENCE	FROM HOURLY OBSERVATIONS)
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CEILING VERSUS VISIBILITY

CEILING							SIA	VISIBILITY (STATUTE MILES)	W 31014	ES)						
(FEET)	2 41	9 11	8	**	e Al	2 2%	N AI	¥1 Y	¥1 Y1	Ā	AI N	*	VI Z	≥ 5/16	× Al	AI
NO CEILING	7.1	40.0	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9	6.14	41.9	41.9	104	41.9	45
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	000	1:5							50.3		200	00	00	50	50.3	2.
V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 4	50					50.3		00		50.3	00	50.3	50.3	50.3	51.
VI VI 0000 0000	***	51.0		54.8			:				5.00		4.0	54.		55
V V 8000	9.4	54.2	56.8	80		80		8	8		58.	59.4	86	58.		58.
0009 AI AI	4.0	57.4	00	61.3			-::	61.3		-:	61.		-1-	•19		61.
41 VI	44	57.4	0 4					-10		-15	61.			61.	-15	65.
3300	**	62.6	65.8	67.1	-0	67.7		71.0		The second second			71.0	67.7		68.
Y 2000	4 4	67.1			72.9	6.0		9	73.6	73.6	73.		73.6	73.	73.6	*
VI VI 0081 0081	4.4	70.3	**	75.5	3.	9 6	76-1		0 8		76.		9 30	22	76.8	1.6
Y 1200	9 80	70.3		77.4	79.4		80	79.4	79.4		79.			79.	79.4	80.
008 AIAI	4.0	71.0	76.1	78.1	79.4	0-	80.0	83.2	81.9	83.	81.	81.9		81.		83.
VI VI 008	4.8	71.0		78.7			- 2	84.5	4.		84.5	84.5		œ œ	84.5	85.
V V V	8.4	71.6	76.8	80.0	-:			87.7	7.8	8.	91.0			91.	91.6	90.
300	4.8	71.6		00		3	84.5	89.0	89.0	91.	92.3	92.3	. 0	94.	* *	98.
80	***	71.6		00	81.9	83.9	84.5	89.7	00	92.	2.46	94.2	96.8	00	98.7	900

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NAVWEASERVCOM

5703 CEILING VERSUS VISIBILITY JAN 68

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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(INOM HOOKE) COSEN	

CEILING							VIS	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
	0 4	٥ ٨١	\$0 A1	AI AI	E AI	× 2%	K 2	¥1 Y	¥1 Y	- 1	% 1	*	% AI	≥ 5/16	N N	O AI
NO CEILING	6.5	41.9	6.14	41.0	42.6	42.6	\$2.0	42.6	\$2.6	\$2.6	\$0.3	42.6	\$2.6	42.6	42.6	42.6
00081 2						-	51.0		-i.		÷.			-		51.0
000	4		•		•	4.	4	•	4.	21.0		3.		3.	-	
12000	:,	-				:-	0	2		0.10		: -		: -	: -	21.0
		-							2	3	3	3	5	5	3	
0006												9		9		
		-				1.				1.		1.	1.	1.	1.	
N 7000		- 4				2.		2.	2	2.		2.		2.		
0009 4	7.1					3.				63.2		3.	3.	63.2	3.	
0005 AI		7.00				3.		3		3	3	3.	3.	3		
		-					3.				3.		3	3	•	
V 4000		10,000				.0	9			9		-	7.	-	-	
		-					8.	8	8.			6			•	99.6
3000		100				2		2.	2.	2.	2.	2.		2.	2	72.5
> 2500	7.1	-				3.		3.		3.				4		2.46
		-				5		3	5	3					•	76.
100		-				.0				.0		9		.9		76.1
> 1500	7.1	-				. 9			.0	9		-		-	-	77.
		-				8.	•	8.	8			6				79.
> 1000	7.1	-				.0	•	-	-	81.3	•	-	-	-	-	81.
% AI	7.1	-				:		2		2	3				83.2	83.
		-				-	2				5	3	2	3	3	85.
		77.4	10.4	ċ	81.9	-	3			3	•			;	•	86.
0 Al	7.1	77.4	79.4	0	-	-				. 9	7.	1:	7	-	1:	
		77.4	79.4	0	-	-	:		8		:	-		1.		91.(
V 400		77.4	79.4		-	1.		8.	6		-	1:	-	-	1:	91.6
300	7.1	77.4	19.4	80.7	1.	1.		89.0		91.6	93.6			94.8	*	94.1
		77.4	19.4		-	-	5		0	2.	3	3	0			96.
VI 78		1.4	4.64		81.9	61.0	3		0	92.3	5			-	97.4	
		17.4	19.4		-	-	•	. •	0	3	3	3	0		97.4	100.

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TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

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BRUNSWICK, MAINE

TOTAL NUMBER OF OBSERVATIONS

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ENTAGE FREQUENCY OF OCCURRENCE	
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CEILING VERSUS VISIBILITY

CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	(\$3						
(FEET)	5 41	9 Al	% Al	4	e Al	≥ 2%	2 41	×۱ ۲	¥1 Y	- 41	% Al	*	Z AI	≥ 5/16	% Al	0 11
NO CEILING	8.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
2 20000	8.4		47.7	48.4	48.4	48.4	484	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 18000	8.4	48.4	48.4						•				49.0	49.0	49.	49.0
	8.4		48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0			49.0	49.	49.0
	8.4	.67		1.67		49.7		- 10		49.7					.69	49.7
¥ 12000	8.4	**	49.7	50.3		50.3	50.3	50.3	50.3	50.3	0			50.3		50.3
-			51.6	52.3	52.3		52.3	52.3	52.3	52.3	52.3	52.3		52.3	52.3	52.3
000 AI	4.8	51.	52.3	52.9	53.6	53.6	53.6	53.6	53.6	53.6	3			53.6	53.	53.6
	. 1	86.	\$7.4	8		58.7		8		58.7	8				58.	×8.7
7000	8.4		58.7	59.4	60.0	60.0	60.00	60.0		60.0	60.0	60.09		60-0	60.0	60.0
		58	59.4			0		0	60.7		0		4		60.7	
2000	8.4	9	62.6	63.2	63.6	63.0	0	63	69		63.9	63.9		63.9		6.2.4
			62.6	63.2	63.9					63.9					63.9	63.9
4000	8	1	65.2	65	66.3	66.5	64.8	66.5	66.4	66.5	66.5	66.5		66.	66.8	66.9
	8.4	65.3	67.1	67.7	68.4	4.89	58.4		68.4	68.4		68.4	4.89		4.89	68.4
> 3000	4	69	71.0		72.3	72.3	72.3	72.3	72.3		72.3		72.3		72.3	72.3
≥ 2500			72.3	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 2000	8.4	73.	75.5	76.8		78.7	79.4	79.4	79.4	79.4	79.4		19.4	79.4	79.4	79.4
V 1800	8.4	73.	75.5	76.8			79.4	19.4	79.4	79.4	79.4	79.4	19.4	79.4	79.4	79.4
	8.4	74.	76.1	77.4	79.4	80.0	80.7	80.7	80.7	81.3	81.3		81.3	81.3	81.3	81.3
1200	8.4		76.8	78.1		80.7	81.3		81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9
	8.4		76.8	78.1	80.0	80.7			82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9
8 Al	8.4	-	77.4	78.7			82.6	83.2	83.2	84.5	84.5	84.5	84.5	84.9	84.5	84.3
	8.4	75.5	77.4	78.7	80.7	81.3			•	84.5	84.5	84.5	84.5	84.9	84.5	84.5
200	8.4	-	78.1	79.4		81.9			84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8
98	8.4	75.5	78.7	80.0	81.9	82.6	83.9	5	85.8	87.1			87.1			
98	8.4		78.7	80.0	83.2	83.9		87.1	87.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0
N 400	8.4	76.1	79.4	80.7		84.5			90.3	93.6	94.2	2.46	94.2	94.2	94.2	94.2
38	8.4	76.1	79.4	80.7	83.9	84.5	86.5	0	91.0	94.2	95.5	95.5	95.5	95.5	95.5	95.3
	8.4	76.	79.4	80.7	•	84.5	86.5	90.3	•	95.5	•		96.8	97.4	98.1	98.1
8	8.4	76.1	79.4	80.7		84.9	86.5	90.3	91.0	95.5	96.8	8.96		98.7	10001	100.0
	8.4	76.	79.4	80.7	*	84.5			91.0	95.5	•	96.8	97.4	98.7	100.0	-

NAVWEASERVCOM

BRUNSWICK, MAINE

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	5	AI	8	4	1 3	≥ 2%	VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)	* AI	* 1	N %	≥ 5/16	VI X	AI
	9.0	45.	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.	45.
2 20000	9.0	.64	49.			6			4		•	•	-	•	49.	
V 18000	0.6	69	49.	49.7	49.7		49.7	40.1	49.7	49.7	49.7				40.	*6
	9.0	.69	0.00	49.7	49.7	6			49.7		6	•			49.	•
	9.0	.64	50.												50.	*
≥ 12000	9.0	50.		51.0	51.0		51.0	51.0	51.0	51.0	-		51.0	-	51.	51.
	9.7	52.	52.		52.9		2		•	•	2.	2.		3	52.	2
000	9.7	52.	52.	52.9	\$2.9	2.	52.9		52.9	52.9		2.		2.	52.	~
	9.7	55.	- which	\$6.8	.0		Control of the last of the las	56.8	56.8	56.8		56.8			56.8	56.
7000	9.7	55.		56.8	56.8		56.8		56.8	56.8		.9	56.8	. 9	56.	*
1	9.7	56.		58.1	All the same	8	8.		8		8		58.7	8	3	58.
2000	9.7	58.			60.0		60.7		60.7	60.7		0	60.7	0		.09
	9.7	60	1.	61.3	-	-	:			-	-	-	-	-	61.	61.
400	9.7	63.		64.5			65.8			66.9					.99	9
	9.7	67.1	67.	4.84	69.0	0.69		70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.
3000	9.7	7.		2.			74.2			74.8				*	74.	-
	9.7	72.	and the same	. 4	75.5	75.5	.0	.9	. 9	76.8			76.8		76.	
7 2000	9.7	72.	73.	;	75.5	75.5	76.1	,	76.8			9		•		•
	9.7	72.	73.		75.5	75.5		76.8		76.8	76.8		76.8		16.8	
> 1500	9.7	74.	75.		77.4	77.4	78.1		78.7	78.7			8	8	-	
> 1200	9.7	74.	Car.	76.8	78.1	78.1			•	80.0		80.0	80.0	0	80.0	
1000	9.7	75.	76.				0	-	81.9	-	-	-	-	-	81.	8
8	9.7	75.				0	81.3		•	82.6			2	82.6	82.	82.
008	9.7	75.	-			80.0									8	
	9.7	75.		78.7		0	81.9		;	85.2		85.2		85.2	85.2	
009 1	9.7	75.		79.4	82.6	2.	3.	•		7.	1.	1:	1.	1:	87.	
200	9.7	75.		80.0	83.2	83.2		87.7	87.7		90.3	90.3	•	90.3	ō	90.
	9.7	73.	- ann	.0	83.2		-			91.0	-	-	-		0	
38	9.7	75.		80.7	83.9	*	87.7	91.0		92.9		*		94.8	95.5	95.
14 20	9.7	73.	and the	80.7	83.9	84.5	8	91.6				:	3			96.
VI 8	9.7	75.	Serve.	80.7	83.9	84.5	88.4	91.6	91.6	94.2	95.5	95.5	96.8	98.1	98.7	98.
	9.7	73.	Sale	80.7	83.9	84.5	88.4	91.6		•	3	5		98.1	98.	100.

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

0

0

BRUNSWICK, MAINE

(2)

85.8

86.5

86.5 86.5

86.5

86.3

86.5

155

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY JAN 68

64.9

60.0 61.3 63.2 63.2 63.2 63.2 63.2 63.2

88971969 89071969

40.08

80.0

84.5

889

69.0

4.89

HOURS (FS.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

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VISIBILITY (STATUTE MILES) 7

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NAVWEASERVCOM

BRUNSWICK, MAINE

5703 CEILING VERSUS VISIBILITY JAN 68

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

NOUNE ALA

EEEE

62.00 8.00 8.00 8.00 8.00 8.00 Al 87.5 61.9 85.7 91.5 79.8 Al 59.4 A Al ٨I 00000111100 82.7 ٨i 54.0 AI VISIBILITY (STATUTE MILES) ۸۱ 01.5 61.6 04.9 65.2 07.1 67.2 07.1 67.3 07.1 74.1 07.4 76.1 07.4 76.1 07.4 76.1 07.4 76.1 54.0 81.5 82.8 82.5 84.4 71 80.9 83.6 AI 83.5 7 2% AI 18.0 . . Al 4.000.00 7.8.5 7.8.4 69.7 04.0 74.0 59.0 52.4 \$000 68.5 72.4 72.5 0.3 10.3 4.0 10.4 .. .0. 4.0 10.4 2 88 80 2000 900 88 38 300 88 88 88 AI AI AI AI AI AI Ał Ał MINI AI AI VIVI VIVI

TOTAL NUMBER OF OBSERVATIONS

1240

NAVWEASERVCOM

TOTAL NUMBER OF OBSERVATIONS

14608

CEILING VERSUS VISIBILITY

BRUNSWICK, MAINE

CEILING																	
(FEET)	0 1	9 11	8 41	1	e vi	2 2%	2 41	۲۱ ۲۱	¥1 VI	71	% Al	* AI	N N	AI S	۸۱ پ	*	AI
NO CEILING					6			0	0		47.	47.		3	2	7.2	100
≥ 20000		48.4					2.	2	2		52.	52.		5	-	3.1	53
≥ 18000	10.4	48.6		51.3	51.9	52.0	2	52.7	52.7	53.0	53.	53.		a.		9.3	53.
0009L ~			3		-	2	2	2	2	3.	53.	53.	-	2		3.4	53
¥ 14000		49.0			2	2					53.	53.	•	80	.9		34.
≥ 12000		50.1	2	3	3		4.		*		55.	55.	~	5	.15		55
100	0	52.4		3.	.0	.0	.9	7		7.	57.	57.	3	2	.9 5		58.
000		53.1			57.0	-	57.6		8		58.	58.		S	.7		59.
00 30	0	55.8		6		0	61.0	-	-	-	61.	62.	9	9	.16	2.2	62.
> 2000	10.8					2	62.6		63.0		63.	63.	•	•	.10		
	10.9	57.9		:	2	2	63.3			*	64.	. 49	0	0	*		
2000	10.9	59.4		63.4	64.2	3	65.0		65.5		66.	99	•	0	~		
1	11.0	9.09		4	3	5	66.3			-	67.	67.	0	•	30		67.
> 4000	2.3	62.5				8	68.7		6		69.	69.	0	-			70.
	11.3	63.8				6	70.2	70.7	0	-	71.	71.	1	1			71.
3000	-	66.6		:		6	73.7		3		74.	75.	-	1	.2		
> 2500		68.1	•	73.3	74.6		75.7		76.4		77.	77.	1	4	.2	7.3	77.
	11.5	69.3	2	;		.0	77.3	. 8	8		78.	78.	-	1	6.		79.
≥ 1800	1.	4.69	2	. 4		. 9	77.4	8	8		78.	78.	-	1	0.		
≥ 1500	11.5	70.4				20	79.0		6		80.	80.	00	8	8		81.
≥ 1200		70.9		. 9			79.9	0	0	-	81.	81.	8	8			82.
2 1000		71.5	3	-		0	81.3		2.	•	83.	83.	8	80			
8 1	11.5	71.8				0	82.0	3.		•	84.	84.	80	30	•		84.
		_			0	-	82.7		*		85.	85.	00	80	(0)	2.4	85.
92 4	11.5	72.3	•			2	83.4		;	3	86.	86.	œ	80	*		
	11.5	72.5			2	3.	84.5		9		87.	87.	•	80	6	6.2	88.
> 200	11.5	72.7	2.			*	85.8	7.	8.		89.	89.	0	0			
	11.5	72.7				4	86.5	8	6	0	91.	91.	0	0	0		92.
30	11.5	72.8	77.3	0	83.8	84.7	87.0	89.7	90.1	91.9	92.	6 63.	2 93.	7 94	.1 94	4.2	
	4				3.	4.	87.1	6	d	2.	93.	94.	0	0	0	-	
89	11.5	72.8	:	80.1	83.8	*	87.1	90.1	0		94.	94.	0	0	9	7.1	98
									,		4 7		•	-			

SKY COVER

14611 BRUNSWICK, MAINE STATION NAME

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MONIH	(LS.T.)	0	-	2	6	4	20	9	7	80	6	01	SKY COVER	088.
JAN	10	31.6	2.6	2.6	4.5	5.5	9.	3.2	1.9	2.0	3.2	41.9	5.5	155
	10	29.0	2.6	3.9	5.2	4.5	31.2	109	3.9	3.9	3.2	38.7	5.5	155
	00	20.0	6.5	8.4	8.4	206	2.6	3.2	4.5	2.6	4.5	36.8	5.5	159
	97	20.6	3.9	8.4	7.7	5.5	109	1.9	3.9	6.5	5,2	34.8	3.6	155
	13	16.1	5.8	3.9	9.0	4.5	5.2	4.5	4.5	5.8	5.2	35.5	5.9	155
	91	1661	7.1	3.9	7.1	71.1	1.9	2.6	5.8	4.5	7.1	36.8	0.0	155
	61	25.2	3.2	5.8	9.6	3.2	3.9	1.3	3.2	5.2	3.2	40.0	5.7	155
	22	24.5	3.2	5.8	4.8	3.9	1.9	9.	3.9	2.6	1.3	43.9	5.7	195
101	TOTALS	22.9	4:4	8.3	7.0	4.5	2.7	2.4	0:4	4.2	1:4	4.1 38.6	5.7	1240

0

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MONTH

BRUNSHICK, MAINE

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

0

HOURS (L.S.T.)

MONTH

0

0

0

3

0

0

141

42.6

3

3

-

42.6

TOTAL NO. OF OBS.

MEAN TENTHS OF SKY COVER

2

2.8

37.6 1.1

42.6 39.7

5.4

+0.4

4.3

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1

1128

5.9

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TOTALS

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NAVWEASERVCOM

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141 141

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SKY COVER

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BRUNSWICK, MAINE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(LS.T.)	0	-	2	8	*	5	9	7	80	6	2	SKY COVER	OBS.
MAR	8	30.3	1.9	3.9	3.9	4.5	2.6	2.6	2.6	3.9	9.	43.2	5.5	155
	*	31.0	2.6	2.6	6.1	2.6	3.9	4.5	2.6	4.5	1.9	41.9	5.6	155
	07	14.2	2.6	5.8	6.9	3.2	1.9	3.9	7.1	4.5	5,8	44.5	9.9	155
	9	14.2	7:7	2.6	4.5	2.6	1.3	3.5	5.5	4.5	7.1	47.1	6.7	155
	13	12.3	5.8	2.6	7.1	1.3	9.	2.6	9.0	7.1	0.0	45.6	8.9	155
	91	12.9	3.2	3.2	5.8	1.3	3.2	1.9	6.9	6.5	6.9	49.0	7.1	155
	67	15.5	4.8	4:5	9.8	4.5	3.9	1.3	1.3	7.1	3.2	44.5	6.2	155
	22	29.0	2.6	3.2	5.6	5.5	•	3.2	3.9	1.9	4.5	43.2	5.8	155
5	TOTALS	19:9	4:4	3.6	4.0	3.2	2.3	2.9	*	5.0	4.8	44.5	6.9	1240

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BRUNSWICKS MAINE

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	-	2	6	-	3	9	7	ω	6	01	SKY COVER	OBS.
APR	10	28.0	207	2.7	5.3	0.0	21.7	.7	0.0	5.3	13	45.0	5.7	150
	8	26.0	6.7	6.7	4.7	313	3.3	103	4:7	7.3		39.3	5.6	150
	07	7.02	1.1	3.3	4:0	4.0	3,3	2.7	4:7	4.7	8.0	40.0	1.0	150
	9	13.3	2.7	0.0	4:7	4.0	7.3	6.7	9.3	4:7	6.7	36.7	6.5	150
	2	9.3	3.3	2:7	4.7	2.0	0.0	4.7	10.7	12.7	1.0	37,3	7.0	150
	9	7.3	3.3	7.3	4:0	0.9	7.3	2.7	4.0	9.3	9,3	39.3	6.9	150
	61	8:7	2.0	10.7	9.3	0.0	2.7	2.7	8.7	7.3	4:7	37.3	**	150
	22	26.7	2.7	4:7	3.3	6.7	2.7	1.3	3.3	7.3	2.7	38.7	3.6	150
					4					1	8			
Į.	TOTALS	17.3	3.3	5.3	5.0	4.5	**	2.9	4.0	7.3	4.9	38.8	6.2	1200

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SKY COVER

BRUNSWICK, MAINE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MONTH	(LS.T.)	0	-	7	6	+	10	9	7	&	٥	01	SKY COVER	OBS.
MAY	10	25.2	1.3	3.2	6.5	1.9	3.9	2.6	2.6	3.2	2.6	47.1	6.1	155
	40	13.5	2.6	7:7	5.2	3.2	4.5	4.5	3.2	3.2	8.4	43.9	9.0	155
	07	12.3	4.5	6.5	3.9	103	1.9	3.2	5.2	4.4	7.7	43.9	6.0	155
	01	10.3	1.3	5.2	3.2	7.1	5.2	5.8	3.2	12.9	3.9	41.9	6.9	199
	13	9.0	1.9	9.0	3.5	4.5	3.5	7.1	9.0	4.7	5.5	38.1	6.7	159
	9	9.0	2.6	9.4	5.2	6.5	5.2	6.9	6.5	0.0	5.5	36.1	6.5	155
	0	7.7	3.2	3.2	5.8	9.4	3.2	9.0	5.8	5.8	3.9	43.9	6.9	155
	22	22.6	3.2	4:5	2.6	6.5	109	1.9	3.9	4.5	5.6	45.8	1.0	155
5	TOTALS	13.7	2.6	0.0	4.5	6.9	3.6	5.1	6.4	7.3	6.4	42.6	9.9	1240

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SKY COVER

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTH	OF TOTAL	SKY COVER				MEAN	TOTAL
MONIH	(L.S.T.)	0	-	2	8	4	80	•	7	8	٥	01	SKY COVER	OBS.
Z	10	20.0	2.7	6.7	5,3	2.7	11.3	1.3	5.3	3.3	1.3	50.0	6.3	150
	*	5.3	0.0	8.0	5.3	0.0	343	3.3	7.3	7.3	2.7	45.3	6.9	150
	20	9,3	4.7	0.0	5.3	3.3	163	3.3	0.0	8.7	6.7	45.3	7.0	150
	9	6.7	0.4	6.7	4.0	100	4:0	4.0	5.3	6.7	0.0	46.0	7.1	150
	13	3.3	3.3	3.3	8.0	4.7	6.7	6.7	4:7	8.7	8.0	42.7	7.3	150
	9	4.7	4.0	7.3	3.3	7.00	5.3	5.3	9.3	0.0	0.0	40.0	7.0	150
	61	6.7	1.3	0.0	3.3	1.0	3.3	5.3	7.3	12.7	10.7	38.7	7.3	150
	22	14:0	4.7	5.3	4.0	9.0	3.3	1.3	5.3	4:7	1:4	44:7	6.9	150
5	TOTALS				4.4	4.4	4.5	8.8	6.4	7.5	6.0		0.4	120/

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SKY COVER

BRUNSWICK, MAINE

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PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS				PERCENTAG	E FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER				MEAN	TOTAL
	0	-	2	8	4	3	9	7	8	٥	0	SKY COVER	OBS.
7/9/2016	20.6	2.6	3.2	6.5	5.2	3.2	3.2	1.9	7.1	3.9	3.9 42.6	9.5	155
	16.8	5.2	2.6	7.1	3.9	4.5	2.6	5.2	5.8	5.8	42.6	6.9	155
100	17.4	5.2	5.8	3.9	8.0	1.9		2.6 10.3	4.5	5.8	5,8 36.8	1.0	155
9	10.3	4.5	7:7	7.1	5.2	9.6	5.2	7.1	5.8	7.7	7.7 31:0	1.9	155
	3.2	5.8	6.5	4.5	4.5 11.6	701	3.2		9.7 13.5	6.5	26.4	6.5	155
	2.6	3.9	6.5	10.3	7.7	6.5 10.3 7.7 5.2	8.4	8.4 11.6 12.3 5.8 25.8	12.3	3,8	25.8	4.0	155
•	6.5	2.6	7:7	7:7	4.5	4.5	5.2	5.2 11:0 12:3 11:6 26:5	12,3	11.6	26.5	9.9	155
	18.1	6.5	5.8	8.4	5.8	2.6	3.2	5.8	5.8 5.8 5.8	5.8	34.2	5.8	155
	11:3	-	5.7	6.0	6.9	6.9 6.2 4.7 6.2 7.8	4.4	7.8	4.		6.6 93.5	6.3	1240

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SKY COVER

BRUNSWICK, MAINE

73-77

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-	HOURS				PERCENTAG	E FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(LS.T.)	0	-	2	8	•	5	9	7	&	٥	01	SKY COVER	OBS.
AUG	10	24.3	9	10.3	3.9	4.5	3.9	3.9	5.6	5.2	1.9	35.5	5.5	155
	8	20.0	3.2	7:7	4.5	5.2	3.9	3.2	5.6	3.2	4.5	38.7	9.9	155
	60	12.9	0.1	1100	11.0	45	302	744	7.1	7.7	8.4	34.2	4.0	155
	9	12.9	3.2	7.1	9.0	8.8	312	70.1	1:1	1.7	1.7	28.4	0.0	155
	13	7.7	2.6	7.1	5.2	7.7	7.5	8.8	6.9	12.9	9.7	27.7	6.9	155
	4	5.2	5.8	1:1	6.7	4:0	5.8	3.9	1.1	9.0	7.1	29.7	5.0	155
	67	7.1	5.2	10.3	8.4	5.8	7.7	5.2	1.1	9.0	7.1	27.1	0.0	155
	22	24.5	5:1	8.4	5.8	505	2.6		5.2	5.2	4.5	7.62	5.1	181
										1				
TOI	TOTALS	16.6	3.4	8.7	1.9	5.9	4.7	5.1	6.6	7.5	4.0	31.4	0.0	1240

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SKY COVER

BRUNSWICK, MAINE

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TENTHS OF NO. OF		5.6 150	_	5.5 120							
	01	42.7	39.3		41.3	\$5.3	85.3 36.7	36.7	95.3 34.7 36.7 38.0	36.7 36.7 38.0 38.0	36.7 36.7 38.0
	6	2.0	4.7	0-9							
	8	4.0	2.7	4.7		7.3	7.3	9.3	7.3 9.3 6.7 5.3	7.3 6.7 6.7 5.3 4.7	7.9 6.7 5.3 4.7
SAT COVER	^	2.7	5.3	4:7		6.7	6:7	6:7	6:7 6:7 6:0 7:0	6:0	6:0 6:0 6:0
PERCENIAGE PREQUENCY OF IENINS OF ICIAL SKY COVER	•	1.3	2.0	3.3		2.0	2.0	5.3	5.3	5.3	5.3 5.3 4.7
T OF IENIN	5	207	0.4	4.0		3,3	3,3	9,3	9.3	9.3	9.3
	•	3.3	207	103		0.9	5.3	5.3	5.3	9.3	3.3
PERCEIVING	8	4:7	2.7	1.1		5.3	5.3	5.3 12.0 8.7	5:3 12:0 8:7 6:0	12.0 12.0 6.0 4.0	5:3 12:0 6:0 4:0
	2	0.0	2.0	6.7		9.3	6:4	9:3 4:7 12:0	9:3 4:7 12:0 5:3	9:3 4:7 5:3 5:3	9:3 4:7 5:3 5:3
	-	1.3	0.0	7.3		7.3	7.3	4 4 6	444	0 1 1 1 0	8 7 7 9
	0	29.3	30.7	16.0		8.7	5.7	1.3	8.7 4.7 4.7 12.0	6.7 4.7 4.7 12.0 23.3	8.7 4.7 4.7 12.0 23.3
HOURS	(LS.T.)	10	*	07		10	9 5	2 2 2	9 5 9 5	9 5 9 5 2	22 19 19 27
HENCH		SEP									

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SKY COVER

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0 1 2 3
28.4 2.6 8.4 5.2
30.3 2.6 5.8 8.4
14.2 11.0 5.8 7.1
16.8 5.8 6.5 3.2
15.5 6.5 4.5 6.5
15.5 5.2 6.5 4.5
23.9 6.5 5.8 6.5
30.3 3.2 3.9 3.9
21.9 5.4 5.9 5.7

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SKY COVER

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-	1		PERCENTAGE	E FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER	œ		9	MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
2.7	10 18	7	. 6.8			. 0.4	2.7	. 0	2.7	£	6.0	150
2.7		4:7	0.0	3.3	0.0	103	0.0	4.0	4.0	39.3	5.8	150
5.3		10.7	6.7	3.3	0.0	2.0	0.0	5.3	6.7	40.7	6.5	150
0.0		8.0	5.3	3.3	0.4	3.3	4:7	8.0	5,3	89.3	6.3	150
0.0		7.3	8.0	5.3	0.4	3.3	7.3	1.8	4:7	38.7	9.9	150
1.0	-	5.3	5.3	4:1	0.9	0.0	11.3	0.9	5,3	35.3	6.5	150
3.3	-	8:7	5.3	4.7	6.7	0.4	2:7	4:7	2.7	36.0	5.5	150
2.0	-	5.3	4:7	5.3	2.0	2.0	2:7	5.3	2.7	40.7	9.6	150
					4							
4.6 6.7	•0		5.6		8.4	2.5	5.4	6.9	4.3	38.9	1.0	1200

SKY COVER

STATION BRUNSWICK MAINE

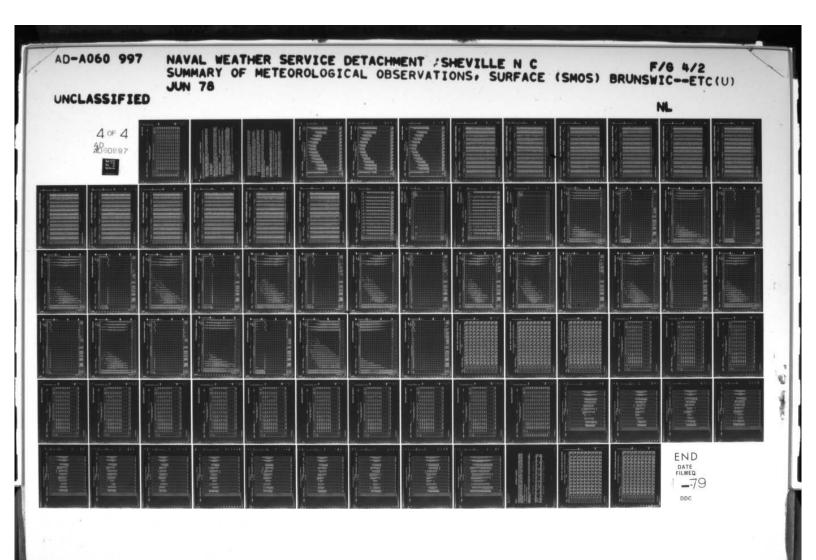
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PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL		155	158	155	155	155	155	155	155		
MEAN	SKY COVER	5.7	3.6	1.0	9.0	6.7	6.5	6.1	0.0		
	01	45.8	41.9	38.7	41.9	46.5	46.5	46.5	43.9		
	٥		4.5	3.9	7.1	3.2	9.2	1.9	5.2		
	8	5.2	4.5	7.1	9.7	4.0	7.7	3.9	3.2		
KY COVER	7	2.6	3.2	6.5	6.5	5.2	3.9	5.2	4:5		
OF TOTAL S	•	1.3	103	2.6	3.9	3.9	4.5	1.9	3.2		
OF TENTHS	20	2.6	601	2.6	1.0	3.2	109	2.6	1.3		
PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	•	2.6		4.5	2.6	2.6	3.9	3.9	5.5		
PERCENTAGE	6	3.9	3.9	4.9		3.9	3.2	5.2	.•		
	2	3.9	3.2	101	3.9	6.9	1:9	1:9	3.9		
	-	2.6	6.1	4.7	5.2	100	3.9	2.6	3,2		
	0	29.7	33.5	12.9	16.8	16.8	20.0	24.5	26.5		
HOURS	(LS.T.)	10	*	07	97	13	9	19	22		IIS
n Inch		DEC									TOTALS

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SKY COVER

BRUNSWICK, MAINE

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENIAC	E FREQUENC	Y OF TENTH	S OF TOTAL	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER				MEAN	TOTAL
	(L.S.T.)	0	-	2	6	7	8	9	7		6	01	SKY COVER	OBS.
	ALL	22.9	**	5.3	7.0	4:5	2.7	2.4	4:0	4.2	7	38.6	5.7	1240
200		23.0	6.4	0:0	5.1	3.5	1:1	2.7	4.1	4.5	3.6	41.5	5.9	1128
MAR		19.9	4:4	3.6	4.0	3.2	2.3	2.9	4.8	5.0	4.8	44.5	6.9	1240
APR		17.3	3,3	5,3	5.0	4.5	4:4	2.9	4.0	7.3	4:0	38.8	6.2	1200
MAY		13.7	2.6	0.0	4.5	6.0	3.6	5.1	6:0	7.3	4:9	42.6	9.9	1240
NOT		9.9	3.8	5:9	***	9.4	3.6	3.8	6.9	7.5	0.0	1.44	6.9	1200
300		11.7	6.3	5.7	6.0	6.2	1.1	4.2	7.8	8.4	0.0	33.5	6.3	1240
AUG	-	16.4	3.4	8.7	1.0	9.9	4.7	5.1	9.0	7.5	4.0	91.4	0.0	1240
369		16.2	•	11.0	0.0	3.8	4.0	3.6	5.9	5.6	5.2	36.3	1.9	1200
100		21.9	5.4	5.9	5.7	6.19	3.4	2.4	6.5	5.1	0.0	33.3	5.6	1240
VON		16.0	4.6	6:7	9.6	613		3.2	9.4	6.3	6.3	38.9	6.1	1200
DEC		22.3	3.9	9:0	3.2	30.1	2.3	2.8	4:3	6.2	3.6	44.0	6.2	1240
TOTALS	SI	17.3		5.8	5.6	4.5	3.6	3.6	5.6	6.2	5.0	39.1	6.2	14608

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PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dev points, and relative humidity. The order and manner of presentation follows:

- Cumulative percentage frequency of occurrence derived from dally observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows: i
- 1. Daily maximum temperature
 - . Daily minimum temperature
 - . Daily mean temperature
- All months Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. of daily extreme temperatures are prepared: 'n
- a. Extreme maximum temperature b. Extreme minimum temperature
- NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
- Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
- Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point squares $(\sum X^2)$, sums of values $(\sum X)$, means (\overline{X}) , and standard deviations (σX) . The number of observations used in the computations for each element is also shown. temperatures are shown in the section at the bottom left of the forms. These consist of the sum of

THE DESCRIPTION OF STREET, SALES

- dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month. At the lower right of the form are given the mean number of hours of occurrence for six ranges of ;
- Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative numidity are with respect to water, unless otherwise indicated. NOTE:
- Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
- . Dry-bulb temperature
 - . Wet-bulb temperature
- c. Dew-point temperature
- Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary. è
- The main body of the summary consists of dry bulb temperatures spread vertically in four degree incre-Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. ments and horizontally by eight wind directions (plus calm).

DAILY TEMPERATURES

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DAILY TEMPERATURES

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BRUNSWICK, MAINE

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MINIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

99.99 18.430 93.9 ANNUAL 43.5 99.9 9.6 94.3 102 15.2 73.9 58.9 57.5 49.8 39.8 30.7 17.3 4.813 5.823 7.719 8.194 6.53111.259 868 837 810 837 810 843 DEC. 100.0 22.00 91.6 Š 44804085 0 CT. 100.0 SEP. 000000 AUG. JUL. 24.2 34.1 43.3 53.2 9.076 6.265 6.108 5.795 867 840 868 840 1000 Š 95.5 16.9 MAY 200.4 200.4 200.0 200.0 200.0 3.3 APR 92.5 94.5 98.6 10.4 MAR. 13.0 44264 19.5 99.2 7:7 FEB 11:00:1 100.0 NAL 95 25-2232 TEMP (PF) MEAN S.D.

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE

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BRUNSWICK, MAINE

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16.205 0 ANNUAL 200.0 200.0 200.0 200.0 200.0 200.0 20.9 22.9 32.6 43.1 53.0 62.8 58.3 67.1 59.3 49.2 38.8 25.8 10.977 9.855 7.965 6.563 6.278 4.708 5.840 6.979 7.354 7.58310.035 828 528 791 867 840 868 840 868 837 810 837 810 843 DEC Š 44.00 . OCT. 23.3 99.19 SEP. 99.90 AUG. (FROM DAILY OBSERVATIONS) 10.9 98.0 되 Š 16.5 99.2 100.0 53.0 MAY 1.2 APR 9.3 42.8 68.1 93.3 99.8 MAR. 28.1 90.0 95.8 FEB. Y TOTAL OBS.
NAVWEASERVCOM 25222222 3 MEAN S. D. TEMP

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

BRUNSWICK, MAINE

14611 STATION

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STATION NAME

1946-1946 1952-1977

YEARS

JANUARY

MONTH

	MEAN TEMP	EMP		M	MAXIMUM TEMP	MP			2	MINIMUM TEMP	MP	
_	AVERAGE	GE	AVERAGE	GE	EXTREME	ME		AVERAGE	GE	EXTREME	EME	
DAY	H °	၁့	٠,	၁	L °	၁	DATE	ч°	ပ	٥,	ွ	DATE
-	21.2	-6.0	31.0	9.0-	54	12.2	1966	11.8	-11.2	-12	-24.4	1972*
2	22.5	-5.3	30.9	9.0-	44	6.7	1972	14.4	8.6-	-14	-25.6	1968
3	23.3	-4.8	32.2	0.1	47	8.3	1960	14.2	6.6-	-1		1969
4	24.3	-4.3	32.4	0.5	43	6.1	1964	16.1	8.8-	6-	-19.4	1969
2	21.7	-5.7	31.0	-0.6	43	6.1	1966	12.3	-10.9	-10	-23.3	1969
9	19.9	-6.7	30.2	-1.0	64	9.6	1954	4.7	-12.4	-10	-23.3	1976*
7	22.7	-5.2	30.5	-0.8	49	9.6	1946	14.8	9.6-	**	-20.0	1973
8	20.8	-6.2	29.5	-1.4	84	8.9	1956	12.2	-11.0	-11	-23.9	1973
6	18.3	-7.6	27.4	-2.6	47	8.3	1963*	9.2	-12.7	-17	-27.2	1976
10	19.7	-6.8	28.3	-2.1	64	4.6	1972	11.1	-11.6	-13	-26.1	1976
=	18.4	-7.6	27.3	-2.6	46	7.8	1975	4.0	-12.6	-23	-30.6	1976
12	18.3	-7.6	27.4	-2.6	48	8.9	1975	9.1	-12.7	-16	-26.7	1968
13	19.5	-6.9	0	-1.3	47	8.3	1972	9.4	-12.6	-13	-25.0	1974
14	18.3	-7.6	28.8	-1.8	94		1972	7.9	-13.4	-21	-29.4	1957
15	20.7	-6.3	28.7	-1.8	64	4.6	1962	12.8	-10.7	-18	-27.8	1957
16	18.0	-7.8	27.7	-2.4	50	10.0	1953	8.3	-13.2	-11	-23.9	1946
17	16.2	-8.8	27.2	-2.7	47	8.3	19734	5.1	-14.9	-20	-28.9	1971
18	16.3	-8.7	28.0	-2.2	47		1952	4.7	-15.2	-24	-31.1	1971
19	20.0	-6.7	6.62	-1.2	54	12.2	1972	10.1	-12.2	-21	-29.4	1971
20	21.2	0.9-	30.7	-0.7	45		1973*	11.8	-11.2	-22	-30.0	1971
21	22.7	-5.2	32.8	4.0	47	8.3	1954	12.6	-10.8	-10	-23.3	1971
22	24.2	-4.3	34.3	1.3	84		1959	14.1	6.6-	-18	-27.8	1961
23	23.4	-4.8	32.5	0.3	20	10.0	1973	14.3	-9.8	-14	-25.6	1976
24	22.5	-5.3	31.7		90	10.0	1953	13.3	-10.4	-18	-27.8	1961
25	25.0	-3.9	33.7	6.0	50	10.0	1953	16.3	-8.7	-6	-21.1	1961
26	25.0	-3.9	33.7		45	7.2	1961		8.8-	5		1963
27	22.9	-5.1	32.4	0.2	19	16.1	1974	13.4	-10.3	4-	-20.0	1441
28	19.3	-7.1	28.5		48	8.9	1974	10.2	-12.1	-18	-27.8	1971
29	19.3	-7.1	28.0	-2.2	**	1.9	1974	10.6	-11.9	6-	-22.8	1971
30	19.4	-7.0	28.5	-1.9	45	7.2	1974	10.3	-12.1	-9	-22.8	1952
31	16.3	-8.7	50.4	-3.1	47	8.3	1974	6.3	-14.3	-11	-23.9	1961
Monthly	20.7	-6.3	30.0	-1.1	61	16.1	1974	11.3	-11.5	-24	-31.1	1971

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*ALSO ON EARLIER YEARS

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5725 DAILY AT RAGE/EXTREME TEMP MAR 1978 DAILY AVERAGE/EXTREME TEMPERATURES MONTH

1945-1946 1952-1977

STATION NAME

STATION 14611

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BRUNSWICK, MAINE

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

FEBRUARY

	MEAN TEMP	EMP			MAXIMUM LEMP	_			_	MINIMOM LEMP	MP	
	AVERAGE		AVERAGE	GE	EXTREME	ME		AVERAGE	GE	EXTREME	EME	
DAY	9 F	၁့	٥,	၁့	, F	၁့	DATE	J₀ F	၁့	₽° F	၁ွ	DATE
1	16.2	-8.8	26.6	-3.0	94	7.8	1953	5.7	-14.6	-13	-25.0	1973*
2	17.9	-7.8	27.9	-2.3	20	10.0	1973		-13.4	-17		1971
3	20.1	-6.6	31.0	9.0-	90	10.0	1973*	9.3	-12.6	-25	1.16-	1971
4	20.7	-6.3	31.4	-0.3	47	8.3	1960	10.0	-12.2	-23	9.06-	1971
5	21.9	-5.6	30.8	-0.7	43		1964*	~	-10.6	-12	-24.4	1965
9	22.2	-5.4	32.6	0.3	43	6.1	1960	11.8	-11.2	-10	£-62°	1969
7	22.6	-5.2	31.5	-0.3	64	9.6	1953	-	-10.2	6	-20.6	1969
8	80.8	-6.2	30.3	6.0-	74	6.7	1961	11.3	-11.5	- 8	7.22-	1961
6	21.5	-5.8	32.2	0.1	45	7.2	1961	10.8	-11.8	9-	-21.1	1959
10	22.1	-5.5	31.6	-0.2	45	7.2	1955	12.5	-10.8	6-	-22.8	1958
11	23.7	9.4-	33.1	9.0	51	10.6	1955	14.3	-9.8	-11-	-23.9	1958
12	20.6	-6.3	31.1	-0.5	94	7.8	1955	10.0	-12.2	71-	-25.6	1961
13	21.7	-5.7	0	-0.6	84	8.9	1971	12.5	-10.8	-18	-27.8	1967
14	22.5	-5.3	N	6.0	84	8.9	1946	12.5	-10.8	-14		1961
15	23.5	-4.7	33.6	6.0	64	9.6	1967*	13.4	-10.3	6-	-21.7	1975
16	22.6	-5.2	3	9.0	84	8.9	1967	-		9-	-21.1	1946
17	22.0	-5.6	2	0.1	43	1.9	1946	11.8	-11.2	9-	-21.1	1973
18	22.6	-5.2	31.2	+-0-	48	8.9	1954	13.9	-10.1	9-	-21.1	1973
19	23.8	9.4-	33.5	8.0	15	10.6	1954	14.2	6.6-	6-	-22.8	1961
20	23.7	9.4-	32.7	4.0	55	12.8	1954		-9.6	-15	-26.1	1966
21	22.8	-5.1	~	0.2	34	12.2	1953	13.2	-10.4	-13	-25.0	1989
22	23.9	-4.5	3	0.7	64	9.4	1974*	14.6	-9.7	-13	-25.0	1972
23	23.7	9.4-	•	9.0	64	9.6	1975	14.2	6.6-	-20	-28.9	1972
24	23.8	-4.6	33.2	0.7	45	7.2	1953	14.3	-9.8		-21.7	1970
25	26.1	-3.3	1	1.8	47	8.3	1976	17.0	-8.3	6.	-19.4	1959
26	56.9	-2.8	9	2.4	37	13.9	1957		-8.1	••	-20.6	1959
27	26.0	-3.3	8		59	15.0	1976	16.5	-8.6	1	-22.2	1963
28	28.6	6-1-		3.0	64	9.4	1971		-6.7	9-	-21.1	1964
53	27.4	-2.6	36.1	2.3	51	10.6	1972	18.6	-7.4	8	E*E1-	1956
30												
31												
Monthly	22.7	-8.3	32.4	0.2	20	15.0	1976	13.0	-10.6	-28	-31.7	1971

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DAILY AVERAGE/EXTREME TEMPERATURES NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

1945-1946 1952-1977

STATION NAME

BRUNSWICK, MAINE

14611 STATION

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MONTH MARCH

	MEAN TEMP	EMP		W	MAXIMUM TEMP	ΛP			2	MINIMOM TEMP	MP	
L	AVERAGE	AGE	AVERAGE	GE	EXTREME	ME		AVERAGE	36	EXTREME	EME	
DAY	4 °	၁့	٩,	၁့	9°	၁ွ	DATE	, F	၁့	J° F	၁ွ	DATE
1	29.1	-1.6	37.8	3.2	55	12.8	1974	\$0.4	4.9-	4	-13.9	1967*
2	28.9	-1.7	36.6		53	11.7	1954	21.1	-6.1	2	-16.7	1961
3	29.7	-1.3	37.7		55	12.8	1961	21.7	-5.7	4	-13.9	1962
4	30.4	6.0-	39.1		59		1965	21.7	-9.7	9	-14.4	1972
5	31.0	9.0-	37.8		55	12.8	1974	24.2	-4.3	1	-17.2	1961
9	31.1	-0.5	38.7	3.7	52	1101		23.6	-4.7	-3	-19.4	1969
7	30.3	6.0-	38.2		67	19.4	0	22.4	-5.3	- 5	-20.6	1972
8	28.6	-1.9	36.7		53	11.7		20.5	+.9-	4		1961
6	27.5	-2.5	36.6	2.6	52	1111	1973	16.3	-7.6	-	-17.2	1961
10	28.0	-2.2	37.2		26	13.3	97	18.7	4.1-	-10	-23.3	1972
11	6.62	-1.2	38.9		63	17.2	1977	21.0	-6.1	-	-18.3	1972
12	29.5	-1.4	37.7	3.2	51	10.6	1977*	21.3	-5.9	6	-12.8	1964
13	31.8	-0.1	39.3	4.1	9	15.6	1946	24.3	-4.3	**	-13.3	1961
14	32.4	0.2	39.9	4.4	99	18.9	1946	25.0	-3.9	4	-13.9	1972
15	31.6	-0.5	6	0.4	67		1945	6.62	-4.5	e :	-19.4	1968
16	32.0	0.0	40.5	4.7	9	15.6	1973	23.5	1.4-	3	-16.1	1956
17	31.8	-0.1	6	4.1	53	11.7	1946	24.4	-4.2	I	-17.2	1961
18	31.1	-0.5	8.	3.7	64	17.8	1945		-4.7	-3	-19.4	1967
19	31.3	+.0-	40.2	4.0	52	11.1	1970#	22.3	-5.4	-5	-20.6	1967
20	34.1	1.2	42.3	5.7	62	16.7	1959	25.9	-3.4	6	-12.8	1972
21	34.2	1.2	41.9	5.3	57	13.9	1946	26.5	-3.1	10	-12.2	1967
22	33.9	1.1	42.5	5.8	55	12.8	1966	25.2	-3.8	11	-11.7	1965
23	35.1	1.7	43.2	6.2	9	15.6	1953	27.0	-2.8	10	-12.2	1976
24	35.3	1.8	43.4	6.3	59		1973	27.2	-2.7	1.5	4.6-	1956
25	35.5	1.9	45.9	6.1	58	14.4	1945	28.1	-2.2	4	-13.9	1956
26	36.5	2.5	45.6	7.6	63	17.2	1963	27.5	-2.5	4	-15.6	1960
27	35.9	2.2	43.9	9.9	09	15.6	1945	27.9	-2.3	æ	-13.3	1975
28	34.6	1.4	43.2	6.2	09	15.6	1946	26.0	-3.3	6	-12.8	1974
29	36.4	2.4	46.1	7.8	81	27.2	1945	26.6	-3.0	4	-15.6	1974
30	37.7	3.2	45.4	7.4	73	22.8	1977	30.0	-1.1	13	-8.3	1954
31	36.9	2.7	44.4	6.9	57	13.9	1968*	29.5	-1.4	12	-111.1	1969
Monthly	22.3	0.2	40.8		8.1	7.	1965		F 7 7	4	- 22 2	1072

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*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

BRUNSWICK, MAINE

STATION NAME

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1945-1946 1952-1977

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				0	0.	9.	.0	.3	.0	.1 1	. 3	2.		6.	9.	*.	6.	4.		1 4.	.2 1962		.3	6.	1.9 1975		.4		1.3 197	.1	.2 19	.2 19		10.6 1954
TEMP	EXTREME	၁	-10	-10	-10	-10	-10		- 5	9-	•			•	•	•					-2		-3		-3	1-	4-	-2	-3	•	-2	•		-10
MINIMUM TEMP	EX.	4 °	14	14	14	13	14			21				16	22	77	52	54	59	24	28	27	78	25	25	62	54	28	92	30	28	28		13
	Ē	ပ	-1.3	+0-	+0-	-1.4	-0.3	-0.6	-0.7	0.0	-0.8	0.0	-0.3	-0-	-0.2	0.7		6.0	2.4	2.0	2.4	2.1	2.6	3.4	3.3	3.1	3.2	3.0	5.9	3.2	3.3	3.4		1.2
	AVERAGE	۰ ۲	29.7	31.2	31.2	29.5	31.4	90.9	30.8	32.0	30.5	35.0	31.5	30.7	31.7	33.3	34.5	33.7	36.3	35.6	36.4		36.6	38.1	37.9	31.5	31.7	37.4	37.3	37.8		38.1		34.1
		DATE	1945	1967	1967	1953	1968*	1976	1954	1962	1968	1955	1945	1945	1945	1945	1960	1976	1976	1976	1973	1976	1957	1977	1973	1957	1966	1970	1970*	1970	1974	1975*		1957
Ь	ΛE	o°.	18.9	21.1		13.9	16.7			17.2		0	20.0	24.4	23.3	21.7	22.8	.9	25.6	27.2	3.	26.7			24.4	19.4	18.3	17.2	22.8					28.3
MAXIMUM TEMP	EXTREME	₽ °	99	20	99	57	29	90	63	63	63	69	89	76	74	7.1	73	80	78	10	75	80	83	78	76	67	65	63	73	72	73	89		83
MA	E	၁့	7.6		7.9			6.8		8.7			6.9	10.9		10.5			13.2	14.2	13.3	12.1	13.3	13.2	12.8	11.2	12.3	10.6	11.9	13.2	13.4	14.4		10.0
	AVERAGE	4 °	45.7	47.1	46.2	40.0	48.0	48.1	_	47.6	46.8	49.7	48.7	51.6	40.4		52.6	52.8	55.7	57.0	55.9	53.8	0.95	55.7	55.1	52.2	54.2	51.0	53.4	55.7	56.1	57.9		51.6
- L		၁့	3.2	4.0	3.7	3.2	4.3	4.2	3.9	4.3	3.7	4.9	4.5	5.1	4.8	3.6	6.6	6.3	7.8	8.1	7.9	7.1	7.9	8.3	8 . 1	7.2	7.7	6.9	7.4	8.2	8.3	8.9		6-1
MEAN TEMP	AVERAGE	L 0	37.7	39.2	38.7	37.8	39.7	39.5	39.0	39.8	38.7	6.04	40.1	41.1	40.6	42.1	45.6	43.3	0.95	46.6	46.2	44.7	46.3	6.04	46.5	6.44	45.9	44.2	45.3	46.7	47.0	48.0		42.9
	L	DAY	-	2	3	4	2	9	7	80	6	10	=	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly

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DAILY AVERAGE/EXTREME TEMPERATURES

STATION NAME

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BRUNSWICK, MAINE

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

1945-1946 1952-1977

C. SFRAGE C. SFR	MEAN TEMP	MP		MA	MAXIMUM TEMP	MP			N	MINIMUM TEMP	MP	
8 8.8 58.5 14.7 72 22.2 1972 38.1 2 9.4 58.4 12.7 73 22.8 1969 37.8 3 9.4 58.4 12.7 73 22.8 1969 37.8 3 9.4 58.4 12.7 73 22.8 1960 37.3 4 9.4 58.4 14.7 78 25.8 1960 37.3 4 9.4 58.5 14.6 7 78 25.8 1960 37.3 4 10.2 58.6 14.8 86 20.0 1957 39.8 4 11.9 61.8 16.6 76 26.1 1957 39.8 4 11.9 61.9 16.6 76 22.9 1959 42.7 5 11.9 60.9 16.1 76.2 27.8 1959 42.7 5 11.0 60.9 16.1 76.2 23.3 1976 43.7 5 11.0 60.9 16.1 76.2 23.3 1976 43.7 5 11.0 60.9 16.1 76.2 23.3 1977 44.1 6 11.0 65.2 18.6 88 31.1 1975 46.1 7 11.0 65.2 18.6 88 22.3 1977 46.1 7 11.0 65.2 18.6 88 22.3 1977 46.1 7 11.0 65.2 18.6 88 22.3 1977 46.1 7 11.0 65.2 18.6 88 22.1 1955 46.1 7 11.0 65.2 18.6 88 22.1 1955 46.1 7 11.0 65.2 18.6 88 22.1 1955 46.1 7 11.0 66.9 17.9 88 22.1 1955 46.9 8 11.0 66.9 17.9 88 21.1 1955 46.9 8 11.0 66.9 17.9 88 21.1 1955 46.9 8 11.0 66.9 17.9 88 21.1 1955 46.0 8 11.0 66.9 17.9 88 21.1 1955 46.0 8 11.0 66.9 17.9 88 21.1 1955 46.0 8 11.0 66.9 17.9 88 21.1 1955 46.0 8 11.0 66.9 17.9 88 21.1 1955 46.0 8 11.0 66.9 17.9 88 21.1 1955 46.0 8 11.0 11.0 66.9 17.0 88 21.1 1955 46.0 8 11.0 11.0 66.9 17.0 88 21.1 1955 46.0	AVERAG	E	AVERA		EXTRE	ME		AVERAG		EXTREME	EME	
8.8		၁့	H °	ွ	H _o	၁့	DATE	₽°	၁့	₽ °	ွ	DATE
9.4 9.5 13.2 67 19.4 1977 38.1 37.8 37.8 37.8 37.8 37.8 37.8 37.8 37.8 37.8 37.8 37.8 37.8 37.8 44.7 70 21.1 1960 39.3 44.4 44.7 70 21.1 1960 39.3 44.4 44.7 70 21.1 1960 39.3 44.4 44.7 70 21.1 1960 39.3 44.4 44.7 70 21.1 1960 39.3 44.7	17.8	8.8	58.5	14.7	72		1972	37.1	2.8	53	-1.7	1976
9.4 58.6 14.7 73 22.8 1969 37.8 37.8 37.8 37.8 37.8 4 <t< td=""><td>6.94</td><td>8.3</td><td>55.7</td><td></td><td>67</td><td></td><td>1977</td><td>38.1</td><td>3.4</td><td>32</td><td>0.0</td><td>1974</td></t<>	6.94	8.3	55.7		67		1977	38.1	3.4	32	0.0	1974
9 9.4 58.4 14.7 78 25.6 1963 39.4 4 9 9 3 58.2 14.6 74 22.3 1960 39.3 4 1 9 1 56.3 14.6 84 28.9 1957 39.8 4 1 10.2 58.6 14.8 86 30.0 1953 40.7 4 1 10.2 58.0 16.7 82 27.8 1953 40.7 4 1 11.4 61.8 16.6 76 24.4 1959 42.7 5 1 11.5 61.9 16.6 76 24.4 1975 44.1 5 1 11.5 61.9 16.6 76 23.3 1971 44.1 6 1 11.9 65.9 16.1 74 23.3 1971 45.2 7 1 12.6 64.4 18.0 81 27.2 1975 44.0 7 1 12.6 64.4 18.0 81 27.2 1975 44.0 7 1 12.6 64.4 18.0 81 27.2 1975 44.0 7 1 12.6 64.4 18.0 81 27.2 1975 44.0 7 1 13.2 65.9 18.8 86 30.0 1964 46.5 88 1 13.8 66.9 19.4 88 31.1 1959 46.9 8 1 13.9 66.9 19.4 88 31.1 1959 46.0 8 1 13.9 66.9 19.4 88 31.1 1959 46.9 8 1 13.9 66.9 19.4 88 31.1 1959 46.0 88 1 14.8 66.9 19.4 88 31.1 1959 46.0 88 1 14.8 66.9 19.4 88 31.1 1959 46.0 88 1 14.8 66.9 19.4 88 31.1 1959 46.0 88 1 14.8 66.9 19.4 88 31.1 1959 46.0 88 1 14.8 66.9 19.4 88 31.1 1959 46.0 88 1 14.8 66.9 19.4 88 31.1 1959 46.0 88 1 14.8 66.9 19.4 88 31.1 1959 46.0 88 1 14.8 66.9 19.4 88 31.1 1959 46.0 88 1 14.8 66.9 19.4 88 31.1 1959 46.0 88 1 14.8 66.9 19.4 88 31.1 1959 46.0 88 1 14.8 66.9 19.4 88 31.1 1959 46.0 88 1 14.8 66.9 19.4 88 31.1 1959 46.0 88	-	7.9	54.8		73		1969	37.8	3.2	28	-2.2	1966
9.3 58.2 14.6 74 23.3 1960 39.3 4 9.4 58.4 14.7 70 21.1 1960 39.3 4 1. 56.8 14.8 86 26.9 1960 39.3 4 4 10.2 58.3 14.8 86 26.9 1964 40.7 4 4 10.2 58.9 16.6 86 27.8 1953 46.1 59.9 4 4.1 59.9 46.1 59.		4.6	58.4		78		1963	39.4	4.1	30	-1.1	1946
9.4 58.4 14.7 70 21.1 1960 39.3 4 .5 19.1 56.8 13.8 79 26.1 1957 39.8 4 .4 10.2 58.6 14.6 84 28.9 1964 40.7 4 .4 10.8 61.8 16.6 82 27.8 1954 40.7 4 .4 11.3 62.0 16.7 82 27.8 1959 42.1 5 .4 11.3 61.9 16.6 76 24.4 1959 42.7 5 .6 11.9 61.9 16.6 76 24.4 1959 42.7 5 .6 11.9 16.6 76 24.4 1976 42.9 6 .6 11.9 16.6 76 24.4 1975 46.1 6 .6 11.9 16.6 17.2 29.3 1977 46.1 6 .6	8.8	9.3	58.5		74		1960	39.3	4.1	30	-1.1	1974
.3 9.1 56.8 13.8 79 26.1 1957 39.8 4 .6 .6 .6 10.2 58.9 14.6 84 28.9 1964 40.7	6.84	4.6	58.4		70		1960	39.3	4.1	31	9.0-	1972
.5 9.7 58.3 14.6 84 28.9 1964 40.7 4 .4 10.2 58.6 14.8 86 30.0 1957 42.1 5 .4 10.8 61.8 16.6 82 27.8 1953 44.1 5 .4 11.3 62.0 16.7 76 24.4 1953 46.1 5 .4 11.3 61.8 16.6 76 24.4 1959 42.7 5 .8 11.9 60.4 15.8 75 23.3 1976 42.7 5 .0 11.9 16.1 76 24.4 1975 44.1 6 .0 11.9 16.1 76 24.4 1975 44.1 6 .0 11.9 16.1 76 24.4 1975 44.1 76 .0 13.2 65.2 18.4 76 24.4 1975 44.1 66.1 <tr< td=""><td>18.3</td><td>9.1</td><td>56.8</td><td></td><td>79</td><td>26.1</td><td>1957</td><td>39.8</td><td>4.3</td><td>30</td><td>-1.1</td><td>1961</td></tr<>	18.3	9.1	56.8		79	26.1	1957	39.8	4.3	30	-1.1	1961
0.4 10.2 58.6 14.8 86 30.0 1957 42.1 5 0.4 10.8 61.8 16.6 82 27.8 1953 41.1 5 0.4 11.3 61.8 16.6 76 24.4 1959 42.7 5 0.4 11.3 61.9 16.6 76 24.4 1959 42.7 5 0.2 11.3 61.9 16.6 76 24.4 1959 42.7 5 11.3 61.9 16.6 76 24.4 1974 42.9 6 0.1 11.9 61.5 16.1 76 24.4 1974 44.1 6 0.1 11.9 61.5 16.1 76 24.4 1974 44.1 6 76 24.4 1975 44.1 76 77 74 77 74.4 76 77 74.4 76 77 77 77 77 77 77 <td>69.5</td> <td>9.7</td> <td>58.3</td> <td></td> <td>46</td> <td></td> <td>1964</td> <td>40.7</td> <td>4.8</td> <td>30</td> <td>-1.1</td> <td>1968</td>	69.5	9.7	58.3		46		1964	40.7	4.8	30	-1.1	1968
4 10.8 61.8 16.6 82 27.8 1953 41.1 5 4 11.3 62.0 16.5 77 25.0 1953 40.7 4 6 11.3 62.0 16.6 76 24.4 1959 42.7 5 6 11.3 61.9 16.6 76 24.4 1959 42.7 5 7 11.9 61.9 16.6 76 24.4 1974 44.1 6 6 11.9 61.5 16.1 74 23.3 1974 44.1 6 8 11.9 60.9 16.1 76 24.4 1974 44.1 6 9 13.9 66.9 16.1 76 24.4 1975 44.1 76 9 13.3 65.7 18.7 88 31.7 1959 46.9 77 10 13.3 64.3 17.9 88 27.2 1975	90.06	10.2	58.6		86		1957	42.1	5.6	31	9.0-	1956
.3 10.2 59.9 15.5 77 25.0 1953 40.7 4 .4 11.3 62.0 16.7 82 27.8 1959 42.7 5 .6 11.4 61.9 16.6 76 24.4 1959 42.7 5 .8 11.5 61.9 16.6 76 24.4 1959 42.7 5 .0 11.9 60.9 16.6 76 24.4 1974 44.1 6 .0 11.9 60.9 16.1 74 23.3 1974 44.1 6 .0 11.9 60.9 16.1 76.2 77 45.2 7 .4 11.9 60.9 16.1 76.4 7 7 7 .5 13.3 65.7 18.7 85 29.4 1959 46.9 7 .6 13.3 65.9 18.6 86 20.0 1964 45.9 7	31.4	10.8	61.8		82		1953	41.1	5.1	32	0.0	1945
.4 11.3 62.0 16.7 82 27.8 1959 42.7 5 .6 11.4 61.8 16.6 76 24.4 1959 42.7 6 .8 11.5 61.9 16.6 74 23.3 1976 45.9 6 .0 11.2 60.4 15.8 75 23.9 1976 44.1 6 .0 11.9 63.0 17.2 92 33.3 1977 44.1 6 .0 11.9 60.9 16.1 76 24.4 1978 44.1 6 .0 11.9 60.9 16.1 76 24.4 1977 44.1 6 .4 11.9 16.1 76 24.4 1975 46.0 7 .5 13.3 16.1 76 24.4 1975 46.1 7 .4 13.2 18.7 18.7 18.7 19.4 7 28.4 19.4 </td <td>50.3</td> <td>10.2</td> <td>59.9</td> <td></td> <td>77</td> <td></td> <td>1953</td> <td>40.7</td> <td>4.8</td> <td>30</td> <td>-1.1</td> <td>1972</td>	50.3	10.2	59.9		77		1953	40.7	4.8	30	-1.1	1972
11.4 61.8 16.6 76 24.4 1959 43.4 6 .4 11.3 61.8 16.6 76 24.4 1961 42.9 6 .2 11.2 60.9 16.6 74 23.3 1974 44.1 6 .5 11.9 60.9 16.1 74 23.3 1977 44.1 6 .6 11.9 60.9 16.1 74 23.3 1977 44.1 6 .6 11.9 60.9 16.1 76 24.4 1975 46.1 7 .6 11.9 60.9 16.1 76 24.4 1975 46.0 7 .7 12.6 64.4 18.0 81 27.2 1975 46.1 7 .9 13.2 65.5 18.6 85 29.4 1964 46.5 7 .0 12.8 66.9 19.4 28.3 1959 46.1 7	52.4	11.3	62.0		82		1959	42.7	5.9	33	9.0	1966
.4 11.3 61.6 16.6 76 24.4 1961 42.9 6 .8 11.6 61.9 16.6 74 23.3 1976 44.1 6 .9 11.9 63.0 17.2 92 33.3 1977 44.1 6 .0 11.7 60.9 16.1 74 22.3 1974 44.1 6 .0 11.7 60.9 16.1 74 22.3 1977 44.1 6 .4 11.9 60.9 16.4 76 24.4 1975 44.1 6 .7 12.6 64.4 18.0 81 27.2 1975 46.9 7 .8 13.2 65.9 18.6 86 30.0 1964 46.5 8 .0 12.8 65.9 18.2 83.2 1977 46.3 8 .0 12.8 66.9 19.4 88 31.1 1959 45.	52.6	11.4	61.8		3,6		1959	43.4	6.9	31	-0.6	1972
.8 11.6 61.9 16.6 74 23.3 1976# 49.7 6 .5 11.2 60.4 15.8 75 23.9 1974 44.1 6 .0 11.7 60.9 16.1 74 23.3 1977 44.1 6 .0 11.7 60.9 16.1 74 23.3 1977 44.1 6 .0 11.9 60.9 16.4 76 24.4 1975 46.1 7 .0 12.6 64.4 18.0 81 27.2 1975 46.9 7 .0 13.2 65.9 18.6 86 30.0 1964 46.5 7 .0 12.8 65.9 19.4 88 31.1 1959 45.4 7 .0 12.8 66.9 19.4 88 31.1 1959 45.0 7 .0 13.9 67.1 19.5 81 27.2 1975 <td< td=""><td>52.4</td><td>11.3</td><td>61.8</td><td>9</td><td>76</td><td>4</td><td>1961</td><td>42.9</td><td>6.1</td><td>35</td><td>1.7</td><td>1966</td></td<>	52.4	11.3	61.8	9	76	4	1961	42.9	6.1	35	1.7	1966
.5 11.2 60.4 15.8 75 23.9 1974 44.1 6 .0 11.7 60.9 16.1 74 23.3 1977 44.1 6 .0 11.7 60.9 16.1 74 23.3 1977 44.1 6 .4 11.9 61.5 16.4 76 24.4 1975 45.4 7 .6 13.1 65.2 18.4 88 31.1 1975 46.9 7 .9 13.8 65.9 18.6 86 30.0 1964 46.5 8 .0 12.8 65.9 18.6 84 28.9 1977 46.5 8 .0 12.8 65.9 19.4 88 31.1 1959 45.4 7 .0 13.9 65.9 19.4 88 31.1 1959 45.7 7 .1 13.9 67.1 19.5 89 29.4 1962<	52.8	11.6	61.9	0	74	w	1976#	43.7	6.9	33	9.0	1971
.5 11.9 63.0 17.2 92 33.3 1977 44.1 6 .4 11.9 61.5 16.1 74 23.3 1977 45.4 7 .6 13.1 65.2 18.4 88 31.1 1975 46.0 7 .7 12.6 64.4 18.0 81 27.2 1975 46.0 7 .8 13.8 65.7 18.7 89 31.7 1959 46.1 7 .0 12.8 67.1 19.5 84 28.9 1977 46.5 8 .0 12.8 64.3 17.9 82 27.8 1959 45.4 7 .1 13.9 67.1 19.5 81 27.2 1975 46.9 8 .4 14.1 68.6 20.6 85 29.4 1952 45.0 8 .4 14.1 68.6 19.4 88 31.1 1959<	52.2	11.2	4.09	3	75	3	1974	44.1	6.7	35	1.7	1977
.0 11.7 60.9 16.1 74 23.3 1971 45.2 7 .6 13.1 65.2 18.4 88 31.1 1975 45.4 7 .7 12.6 64.4 18.0 81 27.2 1975 46.0 7 .9 13.3 65.7 18.7 85 29.4 1964 46.5 7 .0 13.8 67.1 19.5 84 28.9 1977 46.5 8 .0 12.8 64.7 18.2 83 28.9 1965 45.4 7 .0 12.8 64.3 17.9 82 27.8 1959 45.7 7 .4 14.1 68.6 20.3 80 26.7 1975 46.9 8 .4 14.1 68.6 20.6 85 27.2 1975 46.9 8 .4 14.1 19.5 81 27.2 1975 46.9<	53.5	11.9	63.0	-	65	3	1977	44.1	6.7	32	0.0	1957
-4 11.9 61.5 16.4 76 24.4 1975* 45.4 7 -6 13.1 65.2 18.4 88 31.1 1975 46.0 7 -9 13.3 65.7 18.7 89 31.7 1959 46.1 7 -0 13.3 65.9 18.5 85 29.4 1959 46.1 7 -0 12.8 64.7 18.2 83 28.3 1964 45.5 7 -0 12.8 64.3 17.9 82 27.8 1959 45.4 7 -0 12.8 66.9 19.4 88 31.1 1959 46.9 7 -1 13.9 67.1 19.5 81 27.2 1975 46.2 7 -1 14.8 69.1 20.6 85 29.4 1962 45.0 8 -1 13.9 69.1 20.6 85 29.4 1962	53.0	11.7	6.09	16.1	74	143	1971	45.2	7.3	33	9.0	1989
.6 13.1 65.2 18.4 88 31.1 1975 46.0 7 .9 13.5 64.4 18.0 81 27.2 1975 44.9 7 .9 13.3 65.7 18.7 89 31.7 1959 46.1 7 .0 13.2 65.9 18.2 85 29.4 1964 46.5 7 .0 12.8 64.7 18.2 83 28.3 1964 45.5 7 .0 12.8 64.3 17.9 82 27.8 1959 45.4 7 .9 13.8 66.9 19.4 88 31.1 1959 46.9 8 .4 14.1 68.6 20.3 80 26.7 1975 46.2 7 .4 14.1 19.5 81 27.2 1975 46.9 8 .4 14.1 19.5 81 27.2 1975 46.0 8 <td>53.4</td> <td>11.9</td> <td>61.5</td> <td>16.4</td> <td>76</td> <td>4</td> <td>1975*</td> <td>45.4</td> <td>7.4</td> <td>38</td> <td>1.7</td> <td>1957</td>	53.4	11.9	61.5	16.4	76	4	1975*	45.4	7.4	38	1.7	1957
7 12.6 64.4 18.0 81 27.2 1975 44.9 7 .9 13.3 65.7 18.7 89 31.7 1959 46.1 7 .0 13.2 65.9 18.2 85 29.4 1964 46.5 8 .0 13.2 65.9 18.2 83 28.9 1977 40.5 8 .0 12.8 64.7 18.2 83 28.9 1959 45.4 7 .0 12.8 66.9 19.4 88 31.1 1959 46.9 8 .4 14.1 68.6 20.3 80 26.7 1975 46.9 7 .4 14.1 19.5 81 27.2 1975 40.2 7 .4 14.1 19.5 81 27.2 1975 40.0 8 .4 14.1 19.5 81 27.2 1975 40.0 8	55.6	13.1	65.2		88	-	1975	46.0	7.8	37	2.8	1974
.9 13.3 65.7 18.7 89 31.7 1959 46.1 7 .8 13.8 67.1 19.5 85 29.4 1964 46.5 8 .0 13.3 65.5 18.6 84 28.9 1977 46.5 8 .0 12.8 64.3 17.9 82 27.8 1959 45.7 7 .9 13.8 66.9 19.4 88 31.1 1959 46.9 8 .1 13.9 67.1 19.5 81 27.2 1975 46.0 8 .1 13.9 67.1 20.6 85 29.4 1962 48.0 8	54.7	12.6	4.49		81	-	1975	44.0	7.2	33	1.7	1976
.8 13.2 67.1 19.5 85 29.4 1964 46.5 8 .0 13.3 65.9 18.8 86 30.0 1964 45.6 7 .0 12.8 64.7 18.2 83 28.3 1964 45.6 7 .0 12.8 64.7 18.2 83 27.8 1965 45.4 7 .9 13.8 66.9 19.4 88 31.1 1959 46.9 8 .4 14.1 68.6 20.3 80 26.7 1975 46.2 7 .4 14.1 68.6 20.5 81 27.2 1975 46.2 7 .4 14.1 69.1 20.6 85 29.4 1975 46.2 8 .5 14.8 69.1 20.6 85 29.4 1962 48.0 6	55.9	13.3	65.7		89	-	1959	46.1	7.8	38		1956
.7 13.2 65.9 18.8 86 30.0 1964 45.6 7 .0 12.8 64.7 18.2 83 28.9 1977 46.5 8 .0 12.8 64.7 18.2 83 27.8 1965 45.4 7 .9 13.8 66.9 19.4 88 31.1 1959 46.9 8 .4 14.1 68.6 20.3 80 26.7 1975 46.2 7 .4 14.1 68.6 20.3 80 26.7 1975 46.2 7 .4 14.1 20.5 81 27.2 1975 46.0 8 .4 14.8 69.1 20.6 85 29.4 1962 48.0 8	8.95	13.8	67.1		85	6	1964	46.5	8.1	38		1968
.0 13.3 65.5 18.6 84 28.9 1977 46.5 8 .0 12.8 64.7 18.2 83 28.3 1965 45.4 7 .0 12.8 64.3 17.9 82 27.8 1959 45.7 7 .4 14.1 68.6 20.3 80 26.7 1975 46.2 7 .4 14.1 68.6 20.3 80 26.7 1975 46.2 7 .1 13.9 67.1 19.5 81 27.2 1975 46.0 8 .6 14.8 69.1 20.6 85 29.4 1962 48.0 8	55.7	13.2	62.6		98	0	1964	45.6	7.6	35		1963
.0 12.8 64.7 18.2 83 28.3 1965 45.4 7 .0 12.8 64.3 17.9 82 27.6 1959 45.7 7 .9 13.8 66.9 19.4 88 31.1 1959 46.9 8 .4 14.1 68.6 20.3 80 26.7 1975* 46.2 7 .1 13.9 67.1 19.5 81 27.2 1975* 47.0 8 .6 14.8 69.1 20.6 85 29.4 1962 48.0 8	0.96	13.3	65.5		84	8	1977	40.5	8.1	33	9.0	1956
.0 12.8 64.3 17.9 82 27.6 1959 45.7 7 .9 13.8 66.9 19.4 88 31.1 1959 46.9 8 .4 14.1 68.6 20.3 80 26.7 1975* 46.2 7 .1 13.9 67.1 19.5 81 27.2 1975* 47.0 8 .6 14.8 69.1 20.6 85 29.4 1962 48.0 8	55.0	12.8	64.7		83	8	1965	42.4	7.4	32	0.0	1972
.9 13.8 66.9 19.4 88 31.1 1959 46.9 8 .4 14.1 68.6 20.3 80 26.7 1975* 46.2 7 .1 13.9 67.1 19.5 81 27.2 1975 47.0 8 .6 14.8 69.1 20.6 85 29.4 1962 48.0 8	55.0	12.8	64.3		82	7	1959	45.7	7.6	34	1.1	1969
14.1 68.6 20.3 80 26.7 1975# 46.2 7 13.9 67.1 19.5 81 27.2 1975 47.0 8 14.8 69.1 20.6 85 29.4 1962 48.0 8		13.8	6.99		88	31.1	1959	46.9	8.3	37		1968
13.9 67.1 19.5 81 27.2 1975 47.0 8 14.8 69.1 20.6 85 29.4 1962 48.0 8	57.4	14.1	68.6	0	80	26.7	1975*	46.2	7.9	38	3.3	1977
14.8 69.1 20.6 85 29.4 1962 48.0 8	57.1	13.9	67.1	6	81	7.	1975	47.0	8.3	36	2.2	1961
7 6 27 6600 0 00 00 00	58.6	14.8		0.	85		1962	48.0	8.9	34	1.1	1961
2 10.8 72 33.3 1911	52.7	11.5	62.2	16.8	92	33.3	1977	43.3	6.3	28	-2.2	1966

*ALSO ON EARLIER YEARS

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Monthly

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

1945-1946 1952-1977

STATION NAME

BRUNSWICKSMAINE

14611 STATION

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MINIMUM TEMP	AVERAGE EXTREME	°C °F °C DATE	9.3 38 3.3	3.3	9.3 39 3.9	9.9 43 6.1	10.3 43 6.1	3 10.2 42 5.6	6 10.3 39 3.9	7 10.4 43 6	5 10.8 41 5.0	5 10.3 40 4.4	2.0	11.1 37 2.8	11.6 37 2.8	10.9 41 5.0	5.6	11.7 45 7.2 1	7 12.1 44 6.7 1	12.0 43 6.1 1	12.1 38 3.3 1	13.1 48	12.7 44 6.7 1	13.1 46 7.8 1	13.3 42 5.	6 13.7 47 8.3 1	13.9 49 9.4 1	13.4 44 6.7 1	13.7 46 7.8	13.6 48 8.9 1	13.8 43 6.1 1	4 4.0
	AVE	ш	94	64	84	64	50.	50.		20			52	25 4	25	51	25	53		. 53.	53.	55	54				963 57.	26	-	-	9	
	E	°C DAT	8.3	8.3	5.7 1	8.9	8.9	9.0	.3	2.2 1	.2	2.8	-	0.0	2.8	0.0	2.2	.9	1.1	7.2 1	1.1	1 9.0	.3	1 9.	3.3	35.6 197	1 4.	6.8	3.9	2.8 1	.7 1	
MAXIMUM TEMP	EXTREME	ш. °	83	83	90	84	***	87	83	06	06	16	26	98	16	98	90	63	88	81	88	87	83	97	92	96	96	84	63	16	89	
MA	36	၁့	19.6	19.7	19.8	20.1	20.3	20.5	19.9	21.3	21.8	:	-	-	2.	21.3	2.	22.3	2.	2.	2.	2.	22.5	23.1	24.6	24.3		2	1	24.8		
	AVERAGE	ъ. В		67.4						70.4	71.3	71.4													76.3		74.5			76.7		
MP	E	٥.	14.4	14.8	14.6	15.0	15.3	15.3	15.1	15.8	15.3	1001	16.5	16.4	16.9	16.1	17.0	17.1	17.2	17.4	17.3	17.9	17.6	18.1	18.9	19.0	18.7	17.8	18.8	19.2	18.9	
MEAN TEMP	AVERAGE	¥ °	58.0	58.6	58.2	59.0	59.5	99.6	59.5	60.5	61.4	6.09	61.7	61.6	62.4	61.0	62.6	62.7	65.9	63.3	63.2	64.2	63.7	64.5	1.99	66.2	65.7	64.0	65.8	9.99	66.1	
	L	DAY	-	2	3	4	2	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	

*ALSO ON EARLIER YEARS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

1945-1946 195

STATION NAME

14611 STATION

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BRUNSWICK, MAINE

1952-1977

JULY

MONTH

MAXIMUM TEMP MINIMUM TEMP	EXTREME AVERAGE EXTREME	°C DATE °F	32.2 1964# 56.8 14.9 50 1	32.2 1955 56.3 14.6	31.1 1953 58.7 14.8 46	29.4 1975 57.2 14.0 45	32.8 1955 56.6 13.7 48	32.2 1952 50.2 13.4	31.1 1952 50.1 13.4 42	32.8 1973 58.1 14.5 48	32.8 1973 58.9 14.9 51 10	30.0 1974# 58.7 14.8 50 10	31.7 1962 58.1 14.5 50 10	961 58.0 14.	32.8 1966 58.7 14.8 49	31.1 1952 60.7 15.9	30.6 1974* 60.0 15.6	34.4 1968 58.9 14.9 47	36.7 1953 59.0 15.0	32.2 1969# 60.5 15.8	34.4 1977 61.1 16.2	36.7 1977 60.8 16.0 52 1	34.4 1977 59.8 15.4 47	30.0 1972 59.2 15.1 48	35.0 1955 60.1 15.6 48	33.3 1970	32.2 1970 59.4 15.2 4	34.4 1963	33.3 1969 58.5 14.7 47	33.9 1963 59.0 15.0	30.6 1970 59.8 15.4 50 1	11.1 1053# 59.4 15.2 48	
MAXIN	AVERAGE	J. J.	78.0 25.6	78.0 25.6		76.1 24.5	75.2 24.0	74.1 23.4	77.1 25.1	77.4 25.2	76.2 24.6	76.4 24.7		75.9 24.4	76.9 24.9	77.1 25.1	77.1 25.1	77.8 25.4	80.5 26.9		79.9 26.6		76.5 24.7	.3		.7	77.9 25.5	.1	60	77.3 25.2	4.	6.	
MEAN TEMP	AVERAGE	٥° ع.	68.4 20.2	.2	67.8 19.9					1	1	7	1	67.0 19.4	-			3 20.	8	8	70.5 21.4	70.2 21.2	20						67.6 19.8		1	-	-
	L _	DAY	-	2	e	4	S	9	7	00	6	10		12	13	14	15	16	17	18	19	20	21	22	23	24	25	56	27	28	59	30	-

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*ALSO ON EARLIER YEARS

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TEMPERATURES DAILY AVERAGE/EXTREME

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA 1952-1977 1945-1946

MONTH

AUGUST YEARS STATION NAME BRUNSWICK, MAINE

STATION 14611

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1974* 1964 * 1961 196 1952 916 1964 196 1964 1961 6961 953 1965 1964 1977 1984 1957 1965 10.0 9.4 7.8 9.4 10.0 8.3 6.1 8.3 7.8 1.8 8.3 9.9 8.3 7.8 1.8 7.2 3.6 2.8 6.7 6.1 6.7 S EXTREME MINIMUM TEMP 20 47 43 41 . 4 9 9 94 14.6 14.4 19.2 12.6 15.4 15.0 15.1 14.3 13.4 13.7 13.8 14.7 8.41 14.1 13.1 AVERAG 59.2 58.2 58.0 59.4 59.4 29.0 58.5 58.2 58.3 28.6 50.4 57.8 56.9 54.2 54.0 56.4 56.4 51.2 53.6 50.1 1965 1973 1973* 19764 1975+ 1972+ 19734 1961 1969 1976 1966 1966 1966 1976 1959 1955 1975 1953 30.0 32.2 30.6 40.0 29.4 34.4 30.0 30.6 32.2 31.7 93.9 31.7 32.8 31.1 31.7 28.9 35.6 34.4 31.1 31.1 36.1 31.1 31.7 30.0 31.1 EXTREME MAXIMUM TEMP 10 88 88 88 98 88 9000 89 66 16 84 88 88 26.2 25.2 24.5 25.1 24.8 24.5 25.8 24.9 25.0 25.3 25.5 25.5 25.3 24.6 25.2 24.4 24.5 23.5 24.6 25.0 24.4 23.7 AVERAGE 78.4 77.0 77.6 76.6 73.4 74.6 76.3 76.2 77.0 74.7 13.6 16.9 76.6 76.0 75.9 1.9 72.8 73.5 74.3 7.1 0.9/ 76.3 76.1 20.6 19.8 19.4 19.2 20.8 20.1 20.0 19.8 17.5 17.6 19.2 20.1 19.6 19.8 19.5 19.1 18.9 17.8 19.5 19.1 18.5 18.1 19.4 MEAN TEMP AVERAGE 0.00 67.6 67.0 67.4 9.99 4.89 67.6 66.6 9.99 66.1 4.99 0.99 63.7 9.49 68.3 67.1 4.99 Monthly DAY 16 19 29 10 12 13 15 18 22 25 28 S 9 4 11 2 21 33 24 92 27 30 6

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ALSO ON EARLIER YEARS

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DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

BRUNSWICK, MAINE

14611 STATION

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STATION NAME

1945-1946

1952-1977

YEARS

SEPTEMBER MONTH

1970 1963 1962 1952 1956 1975 1975 1963 1963 1964 1964 1973 1973 1963 1961 3.3 1.7 5.0 5.6 5.6 5.6 6.1 4.4 3.9 2.8 3.3 1.1 -0.6 2.8 1.1 1:1 1:1 EXTREME 04 38 33 33 33 33 42 1.6 12.3 10.9 10.6 9.6 11.2 11.3 10.5 9.6 9.4 8.6 9.5 8.9 9.1 7.8 11.7 AVERAGE 52.1 54.1 51.7 49.0 40.4 0.04 47.5 51.7 1966 1953 1976 1976 1971 1971 1955 1969 1945 1945 1959 1965 1970 1961 1961 1961 30.6 32.2 32.8 28.9 28.9 33.3 29.4 27.8 30.6 27.8 25.6 28.3 28.3 26.1 28.3 28.3 EXTREME 983 1000 26 193 83 184 85 22.2 21.4 19.6 23.6 21.2 19.5 18.9 18.4 22.1 20.7 21.1 18.8 19.9 19.3 19.8 19.0 22.1 22.1 AVERAGE 67.1 70.6 69.3 70.2 67.8 67.3 66.8 69.6 65.2 15.8 15.8 15.8 17.5 18.2 16.6 15.2 14.5 13.9 14.5 9.47 4.4 14.0 13.8 12.8 13.5 AVERAGE 62.1 60.5 \$0.4 58.1 56.7 50.3 57.9 56.7 56.8 65.0 DAY 15 10 12 13 16 17 18 19 8 51 22 25 6 14 23 24 92 2 œ =

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ALSO ON EARLIER YEARS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

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1945-1946 1952-1977

STATION NAME

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BRUNSWICK, MAINE

YEARS

OCTOBER

MONTH

	MEAN TEMP	MP			MAXIMUM TEMP	dN	1			MINIMUM TEMP	MP	
	AVERAGE	.	AVERAGE	SE	EXTREME	ME		AVERAGE		EXTREME		
		၁့	٥,	၁့	u. o	၁့	DATE	F.	၁ ့	H _o	ပ	DATE
5	53.8	12.1	63.0	17.2	84		-	44.7	7.1	58	-1.7	1973
9	54.5	12.5	04.0	18.1	88		-	4.44	6.9	34	1.1	1964*
3	53.1	11.7	52.8	17.1	72	22.2	1976*	43.5	6.4	31	-0.6	1975*
9	2.4	11.3	61.3	16.3	7.4		1959	43.6	4.9	30	-1.1	1945
9	1.5	10.8	61.1	16.2	7.1	21.7	1971*	41.0	5.5	30	-1.1	1974#
~	1.3	10.7	1.09		73	22.8	1974*	42.5	5.8	53	-1.7	0
~	1.9	11.1	1.09	15.6	16		1963*	43.7	6.9	92	-3.3	0
•	92.3	11.3	61.7		75	23.9	1970	42.8	6.0	52	-3.9	1977
2	1.8	11.0	61.2		78	100000	1970	42.3	5.7	30	-1.1	1953
•	80.8	10.4	0		26	*	1961	41.8	5.4	58	-1.7	0
•	90.0	10.0	59.0	15.0	20		1955	0.14	5.0	28	-2.2	0
•	50.3	10.2	58.3		69	20.6	1973*	42.3	5.7	23		0
•	19.7	8.6	58.6		20		1954		4.8	50	-1.7	1972*
•	9.1	9.5	58.5		75	23.9	1954	39.8	6.3	25	-3.9	1972+
•	50.1	10.1	59.6	3	74	3	1963		8.4	82		1959
•	1.1	10.6	8.09		82	27.8	1963		2.5	82		1972
~	50.5	10.3	0.00	15.6	19		1968	6.04	4.9	28	-2.2	1961
•	8.4	9.1	58.5		15	23.9	1968		3.7	42		1974
•	8.2	0.6		14.6	79		1963		3.4	18	-	1974
*	47.6	8.7	55.4		7.1		1963*	39.8	4.3	23	-	1970
*	0.9	7.8	55.6	13,1	89	20.0	1975		2.4	6.	-7.2	1972
•	1.5.1	7.3	54.2	12.3	7.1	21.7	1975		2.2	72		1974*
•	47.4	8.6	96.0	13.3	70	21.1	1971	38.7	3.7	22	-5.6	1961
•	48.4	9.1	57.3	14.1	75	23.9	1963	39.6	4.2	21		1969
•	46.2	7.9	53.8	12.1	7.8	25.6	1963		3.7	27	-2.8	1962
•	1.6	7.3	53.2	11.8	11	25.0	1963	37.0	2.8	27	-2.8	1952
*	4.4	6.9	53.6	12.0	**		1963		1.8	52		1976*
•	3.4	6.3	53.1		67	19.4	1971		1.0	13	-8.3	1974
•	6.4	6.9	54.6	12.6	17	25.0	1971	34.5	1.4	72	+.4-	1969#
•	3.3	6.3	52.6		19	16.1	1971	34.0	1:1	77	+.4-	19694
•	0.4	6.7	53.0	11.7	99	17.8	1956		1.7	1.8	-7.8	1966
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*ALSO ON EARLIER YEARS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

The Control of the Land Control of the Control of t

BRUNSWICKS MAINE

16611 STATION

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STATION NAME

1945-1946 1952-1977

YEARS

NOVEMBER

MONTH

		DATE	1977	1965	1965*	1958	1973	1953	1973	1960	1961	1971	1973	1976#	1976	1971	1991	1961	1972	1959	9	1973*	1961	1972	1961	1971	1956	1957	1957	•	1974*	1967*		1972
ΛP		ွ	-5.6	-6.7		-3.3	1.9-	1-9-	-7.2	-8.3	-6.3	-10.0	-10.0	-6.1	7.	.3		_	0	. 2	-8.9	-7.8	-8.3	+.6-	-111-1	-10.0	+.6-	-10.6	-11.1	-10.6	-8.9	-12.2		-15.0
MINIMUM TEMP	EXTREME	9°F	22	20	92	97	20	20	19	17	13	7.7	77	12	17	11	1.5	01	•	19	16	18	1.9	1.5	12	*1	1.5	13	12	13	16	10		*
M		၁့	2.5	2.3	3.5	2.8	1.6	1.8	9.0	9.0	9.0	-0.3	-1.2	0.3	6.0	-0.2	-1.3	-2.0	-1.9	9.0-	-1.2	-1.8	-1.7	-1.4	-1.7	-1.6	-2.5	-3.1	-2.4	+-2-	-3.1	6.4-		9-0-
	AVERAGE	°F.	30.5	30.1	38.3	37.1	34.9	35.2	33.1	33.0	33.0	31.4	6.62	32.6	32.6	31.7	9.62	4.82	59.5	30.9	29.9	28.7	29.0	29.4	29.0	29.2	5.72	20.5	27.7	9.12	50.92	23.1		30.0
		DATE	1974	1975	1975	1975	1956	1956	1975	1975	1975	1977*	1966	1975*	1964	1973	1958	1956	1961	1963	1953	1953	1953	1953	1953	1959	1953	1972	19764	1962	1963	1963		7691
•	E	၁့	23.3	4.6	9.	0	.2	17.2	.7	+•	18.9	6.		.2	6.	•	9.	9.	0	1.	.3	20.0	•	6.	*	13.3	1.	•	6.	15.6		15.6		
MAXIMUM TEMP	EXTREME	٠ ٣	74	29	69	89	63	63	62	88	99	57	79	94	99	69	09	09	90	61	69	99	58	57	98	96	19	09	57	09	57	09		76
		၁့	12.0	11.0		11.2	9.7	9.5			8.9		8.0			8.7		7.3	8.1	7.2	8.1	7.4	7.1	4.9	5.9	6.9	5.4	6.2		4.9	5.6	•		10
	AVERAGE	٠ ٤	53.6	51.8	51.9	52.2	49.5	49.1	50.7	48.0	48.0	45.4	40.4	46.5		47.6	•	45.2			46.5	45.4			42.6	43.4	41.7	43.1	•	43.6	42.0			6 77
		၁့	7.3	6.7	7.3	7.0	5.7	5.7	5.5	4.7	4.7	3.6	3.4	4.2	4.5	4.2	3.1	2.7	3.1	3.3	3.4	2.8	2.7	2.5	2.1	2.4	1.4	1.6	2.1	2.0	1.3	-0.5		
MEAN TEMP	AVERAGE	° ± °	45.1	0.44	45.1	44.6	42.2	42.2	41.9	40.5	40.5	36.4	38.1	39.6	40.1	39.6	37.5	36.8	37.5	37.9	38.2	37.1	36.9	36.5	35.8	36.3	34.6	34.8	35.8	35.6	34.3	31.1		7 75
		DAY .	1	2	8	4	2	9	1	80	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	72	28	29	30	31	Monethie

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*ALSO ON EARLIER YEARS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

STATION NAME

STATION 14611

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BRUNSWICK, MAINE

1945-1946 1951-1977

MONTH DECEMBER

	MEAN LEMP	EMP										
-	AVERAGE	IGE	AVERAGE	AGE	EXTREME	ME		AVERAGE	GE	EXTREME	EME	
DAY	H.	၁့	٩,	၁့	ъ°	ပ	DATE	H.	o°.	4 °	ပ္	DATE
-	28.6	-1.9	36.2	2.3	29	16.7	1962	21.0	-6.1	6	-12.8	1974*
2	28.3	-2.1	36.6	2.6	96	13.3	1970	20.0	-6.7	80	-13.3	1967*
3	29.7	-1.3	38.0	3.3	96	13.3	1970	21.4	-5.9	4	-15.6	1976
4	28.8	-1.8		2.6	52	11.1	1962	50.9	-6.2	9	-14.4	1976
2	28.8	-1.8	37.2	2.9	55	12.8	1953	\$0.4	+.0-	•	-15.6	1974
9	30.3	-0.0	38.7	3.7	65		1973	21.9	-5.6		-13.3	1963
7	30.7	-0.1	38.1	3.4	57		1953	23.3	8.4-	3	-16.1	1964
00	28.4	-2.0	35.8		54	12.2	1974	21.0	-6.1	2	-10.7	1972*
6	29.3	-1.5	_	2.8	34		1973	21.6	-5.8	-	-17.2	1976
10	30.0	-1.1	37.3	2.9	34		1953	22.7	-5.2	6-	-19.4	1958
=	27.3	-2.6	36.4	2.4	86		1966	16.3	-7.6	8	-22.2	1958
12	25.9	-3.4	33.3	0.7	84		1969	18.6	-7.4	6-	-22.8	1977
13	25.7	-3.5		9.0	64	9.6	1967	18.4	-7.6	1	-17.2	1976#
14	25.3	-3.7		9.0	64	9.6	1973	17.5	-8.1	4.	-20.0	1976
15	25.6	-3.6			64	4.6	1975	18.3	-7.6	E .	-19.4	1970
16	23.8	-4.6		0.1	84	8.9	1971	15.3	-9.3		-22.2	1970
17	24.5	-4.2	31.8	-0.1	96	12.2	1973	17.3	-8.2	2	1.91-	1963
18	23.5	-4.7		9.0	52		1954	14.0		1-	-18.3	1945
19	22.2	-5.4			90	10.0	1967	13.4	-10.3	-13	-25.0	1975
20	22.3	+9.4		-0.7	52	1101	1957	13.9	-1001-	-19	-28.3	1975
21	22.7	-5.2	•	-0.2	55	12.8	1973*	13.9	-1001-	01-	-23.3	1955
22	22.9	-5.1	30.2		47	8.3	1977*	15.6	-9.1	-12	-24.4	1970
23	22.7	-5.2	31.6	-0.2	45	7.2	1953	13.8	-1001-	-	-18.3	1955
24	23.2	-4.9	31.4	-0.3	53	11.7	1957	15.0	4.6-	8-	-22.2	1975
25	23.4	9.4-	32.4		64	4.6	1964	14.3	8.6-	-10	-23.3	1975
26	25.3	-3.7	34.2	1.2	53	11.7	1957	10.4	-8.7	6-	-22.8	1968
27	23.4	9.4-	Ŀ		53	11.7	1957	13.8	-1001	- 8	-22.2	1963
/28	22.7	-9.5	31.1	-0.5	20	10.0	1961	14.3	8.6-	01-	-23.3	1976
29	23.5	-4.7	32.4	0.2	94	7.8	1953	14.7	-9.6	- 8	-22.2	1963
30	22.5	-5.3	31.9	-0.1	94	7.8	1973*	13.1	-10.5	9.	-21.1	1962
31	20.4	+-9-	29.3	-1.5	94	7.8	1965	11.4	-11.4	71-	-25.6	1963
Monthly			-									

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*ALSO ON EARLIER YEARS

EXTREME VALUES

MAXIMUM TEMPERATURE IFROM DAILY OBSERVATIONS!

BRUNSWICK, MAINE

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WHOLE DEGREES FAHRENMEIT

ALL				00	01	88	66	16	16	98	16	68	92	59	16	06	98	16	66	*6	66	92	16	68	65	06	104		86	92.4	3.946	1866
DEC.	4.4		84		-	52	04	**	55	94	20	64	52	62	20	20	94	29	20	47	55	26	53	53	50	\$	52	52	**	51.6	4.862	83
NO.	58		6.9		00	20	55	6.0	58	00	62	00	99	00	6	99	62	62	40	23	99	28	13	00	69	74	60	22	65	1.20	9.134	810
OCT.	14		73		2	*	10	75	10	69	7.6	69	10	73	82	78	7.8	72	-	8	73	78	69	2	10	13	1	72	60	76.5	4.518	837
SEP.	16		AA	000	13	19	98	92	78	81	8.4	89	92	82	75	90	87	89	82	69	80	82	88	82	98	82	7.5	60	20	94.4	5.102	019
AUG.	=		**	3	0,	2	16	9 2	83	60	06	90	8	78	*	82	88	86	82	88	06	06	16	68	10	87	104	97	98	88.5	5.072	1
JUL.	88	96			10	85	66	87	16	90	88	**	88	60	16	06	88	6	86	*0	6.6	92	88	84	16	67	26	82	86	89.9	3.975	866
JUN.	98	92			000	82	8	16	68	4	16	83	85	88	16	98	89	8	66	87	16	88	8	82	16	06	96	66	08	=		-
MAY	7.5	75	11		70	0	08	8	98	10	68	16	-	82	18	9.0	63	16	16	74	19	79	16	82	90	4 20	88	78	26	1.08	5.082	898
APR.	9	60	70	2	1	7	60	6	63	99	69	73	29	70	12	73	63	6.5	0	67	10	73	58	69	16	75	89	-	8/	10.0	2.900	840
MAR.	8.1	76		**	00	2	22	64	53	31	29	9.	55	55	63	54	99	55	51	57	52	55	25	53	00	67	31	25	73	Jane C	8.298	837
Ę	24	;	**		20	23	3	2	25	42	24	•	20	+5	45	+3	99	;		20	4.4	\$	69	3	20	:	64	29	45	1.84	4.602	161
JAN.		49		-	200	••	04	**	*	+1	48	-	**	6	84	*	6.5	*	4.4	*	94	39	14	*	25	10	84	*	04	47.3	4.766	908
YEAR	69	46	16		2	:	55	98	57	28	99	•	10	29	63	**	65	99	67	99	69	20	14	72	73	1.	75	76	*	MEAN	. O. S	TOTAL OBS.

EXTREME VALUES

MAXIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

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BRUNSWICKS MAINE

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45-46, 51-77

/BASED ON LESS THAN PULL MONTHS

MONTH	JAN.	F	MAR.	APR.	MAY	JUN.	JI.	AUG.	SEP.	OCT.	NOV	DEC.	ALL
16												60	MAX TEMP
52	48		408										MAX TEMP DAYS
1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		が発送する	4,000 8,000		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		TO ALCOHOLD		The State of the S			
				-									
MEAN													
S. O.													
TAL OBS.													

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NAVWEASERVCOM

EXTREME VALUES

MINIMUM TEMPERATURE

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FROM DAILY OBSERVATIONS!

YEARS

45-46, 51-77

BRUNSWICK, MAINE

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WHOLE DEGREES FAHRENHEIT

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45 52	•	92	
32 44 52 48	Ä	22	4 22
41 50	31	30	
44 45	•	50	
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41 52		53	
39 52	3	25	
94 04 8	•	*	3 14
37 45	N	10	1- 16
	•	-	18 17
1.8 41.8	25		5.7 21.4
539 2.846 2.879 2.7	2.	.606	.337 4.606
868 840 868 83		840	637 840

NAVWEASERVCOM

MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

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/BASED ON LESS THAN FULL MONTHS/

45-460 51-77

BRUNSHICK, MAINE

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MIN TEMP DAYS MIN TEMP 5-DEC. NOV. 0 SEP AUG. ¥ ž MAY APR. 30 MAR. = 2 22 NY S. D. TOTAL OBS. MEAN 3 I 32

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NAVWEASERVCOM

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BRUNSWICK, MAINE

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PSYCHROMETRIC SUMMA JAN 68

Temp.								TEMPERA	WET BULB TEMPERATURE DEPRESSION (F)						TOTAL		TOTAL	
(F)	0	1.2	3 - 4	5.6	7.8	9 - 10	11 - 12 1	3 - 14 15	13 - 14 15 - 16 17 - 18 19 - 20 21	9 - 20 21 - 22	2 23 - 24	25 - 26	27 . 28 29 .	. 30 = 31		. Dry Bulb	Wet Bulb	Dew Point
66 /09							.1									1 1		
2/ 5		1.			-											2		
* /																	-	
4 /8	.1	1.		.3												7	•	
* /	1.	•	1.	.2											=		4	
* /*	.1	•			•										21		14	_
* /	*	•			•	7									3		1	
40/ 39	-	•	9	9											3		23	-
1 3	.2	1	.3												38	38	-	
36 / 36		-	. 0	-											4		42	
							1								7			23
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0	7.	:		9			1						-		0			
~	.2	=													ŏ			
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~	.2	2													26		*9	
7	.2	2.													56			
-	.5	3		. 2											7			
-		2.													5.5			
-	.7	3													7			67
-	-	2													15			
12/ 11		2.3	0												53	23	99	70
1	. 5	2													4			
	8.	2													50		9	
		2													3			67
	. 3	-											-	-	28			
	0	-																
- 2/- 3	9.	-													26			
	*																25	35
	.7																	
6 -/8 -	80	•																
1-1	.2																	
2	9.															7	. 69	20
ent (X		Σx2			Σx	1	×	σ×	No. Obs.	-			Mean No.	of Hours	Mean No. of Hours with Temperature			
Rel. Hum.										0 %	u.	≤ 32 F	≥ 67 F	≥73 F	≥ 80 F	2 93		Total
Dry Bulb																		
Wet Bulb																		

0 0

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5 PSYCHROMETRIC SUMMA JAN 68

14611 STATION	8	CNS	BRUNSWICK, MAINE	Y X	INE STATION NAME	HAME				1	73-77	1			YEARS	2					7	NONTH
																					PAGE 2	S (1. S
Temp.		-		1	7 8	-	3 .	ET BUL	B TEMPE	ATURE	WET BULB TEMPERATURE DEPRESSION (F)	(F)	20 00	24 26	246	2 30	30 30	15.4	TOTAL D.B./W.B.	Alugaria de la compansa de la compan	TOTAL Dow Point	1 4
-14/-15	*-				1	-							1								-	50 -
-18/-19	.3																				•	4
-22/-23	-																			-	_	-
-																						+
-30/-31																						
TOTAL	14.4	50.6	14.450.625.6	8.0		1.2	=	-											1240	1240	1240	0
						_																
						-						-		-						_		+
						-						+	+	+								+
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												-										
												+	-	-								1
Element (X)		2x2			×××	-		×	σ×	-	No. Obs.	-		1		Mean P	No. of	Hours w	Mean No. of Hours with Temperature	rature		1
Rel. Hum.		295	9124		806	34	65	0	7.64	3	1240	H	≥ 0 F	≤ 32 F	2 F	≥ 67 F	H	≥73 F	≥80 F		≥93 F	Total
Dry Bulb		-	2633		245	121	19	9.	3.86	9	1240		73.8	9	9.909							744.0
Wet Bulb		58	590668		21624	154	17	17.4	13.129	0	1240	H	84.6 646.8	90	8.9							744.0
Dew Point		6.3	4188		11	99	0	9.0	16.40	6	1240		25.0	68	3.4							-

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BRUNSWICK, MAINE

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Temp.							WET B	JLB TEM	PERATU	WET BULB TEMPERATURE DEPRESSION (F)	SSION							TOTAL		1	
(F)	0	1.2	3.4	5.6	7 - 8	9 - 10	11 - 12	13 - 1	1 15 - 1	11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21	8 19 -	•	22 23 -	24 25 -	26 27 .	28 29 -	30 = 31		. Dry Bulb	Wet Bulb	Dew Point
58/ 57								•	-												
*							•	1													
•		*.			.2														-	7	
		.2	*	.2																	
			4.	.1	•	•												-		9 9	~
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3		.5	1.3	.5		•												34	46 4	T	
m		1.1	1.2	1.9														4			10
~		2.2	1.4	1.5	•													ŏ			
-		2.7	1.7	1.5	•													75			27
-		2.0	2.7	1.1	•							-	-		-			7			
~		2.7	2.5	00	-													7			44
2		2.6		4	•							-		-		-		30			
7	-	2.8	1.7	1.2														68	89	49	200
24/ 23	6.	2.2	1.7	9.							-	-	-	-		-	-	9			
~		2.3	2.1															99	49	26	56
-	133	2.4	2.4															9			
-		2.6	1.8															54			
-		1.8	2.5															56	65		
-	*	2.0	1.9															4			64
-	and.	2.9	1.3															50		55	
		5.4	. 7	310														4			43
		2.0	.1															2			
		2.7																3	3 33		50
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		1.5																=	8 18	3 20	31
		•																	1 1		
		*																	20		
	-																	1		-	
-		4.																	2		38
-/8	-																				
7																			_	1	34
12/-13		1.																		1	17
ement		Σ_{X^2}			Σx		×	σ×		No. Obs	Şģ.	L			Me	o No. o	f Hours	Mean No. of Hours with Temperature	ature		
Rel. Hum.												×	± 0 ₽	± 32 F	AI	₹ 67 F	≥73 F	≥ 80 F	: 293		Total
Dry Bulb																					
Wet Bulb									-				-		-						
			-			The second second		The second second													

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55 PSYCHROMETRIC SUMMA JAN 68

STATION NAME	0 1.2 3.4 5.6 7.8 9.1		,			54545 72591	777790 26454	23557
	WET BULB TEMPERATURE DEPRESSION (F)				,6	18	23.5 11.817	-
	DEPRESSION (F)				i i	90		90.1
YEARS	WET BULB TEMPERATURE DEPRESSION (F) - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30				West	±0F ±32F ±6	8 466.8	
	183				Mean No. of Hours with Temperature	267 F 273 F	-	
	TOTAL D.B./W.B. Dry Bul			71758	Temperature		-	-
PAGE 2 HOURS (L.S.T.)	TOTAL Dry Bulb Wet Bulb Dew Point			 7159		293 F Total		473

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PAGE 2 HOURS (LS.T.)	TOTAL Dry Bulb Wet Bulb Dew Point	26	**	24	13	1240											Total	706.0	744.0
PAGE	TOTAL Wet Bulb					1240										+	_	+	
	Dry Bulb					1240										- 1	≥93 F		
	TOTAL D.B./W.B.	-				1240							6			Mean No. of Hours with Temperature	≥ 80 F		
	182															urs wit	≥73 F		
	8															<u>۽</u>		~	-
	28 29							+			-	+	+	+		S L S	₹ 67 F	1.2	•
	6 27 .						-	-	-		-	-	-	+	-	Ž		73	ā
	25 . 2															1	≥ 32 F	325.2	•
	23 - 24															+			•
	. 22																10 F		
	(F)						+				+-					+	+	+	
	WET BULB TEMPERATURE DEPRESSION (F) - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 -					~										No. Obs.	1240	1240	
	E DEPR							_				-		4		ž			
	RATUR															+	9	39	
	3 - 14															×	20.716	9.0	0
	T BULB					1.7													
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	0						_		+	-			-		+		10	37	
	7.8					9.0	1									×	78201	613	2
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	0	-				7.028.030.220.0										2x2			
			E 50	-0	111											(X)	É	a a	-
	Temp.	20	/2	-/8	-/91	FOTAL										Element (X)	Rel. Hum.	Dry Bulb	











































USEN SOOF SEAL

D5 PSYCHROMETRIC SUMMA JAN 68

WIT BULLS TOWN WIT BULLS TOWN TOWN THE PROPERSION (7) WIT BULLS TOWN TOWN TOWN TOWN TOWN TOWN TOWN TOWN	1.	1011					-															
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(X) Σχ² Σχ	(X) Σχ ² Σχ																				~	
40F ±32F ±67F ±73F ±80F ±93F	40F ±32F ±67F ±73F ±80F ±93F	ent (X)		Σ_{X^2}			Σ×		×	٥	×	No.	bs.				Mean No	. of Hours	with Tempe	ature		
y Bulb	y Bulb	. Hum.												0	VI			≥73		≥ 93		-
	# Bulb	y Bulb																				

PSYCHROMETRIC SUMMARY

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MONTH	PAGE 2 HOURS (L.S.T.)		Wet Bulb Dew Point	1 29	10	2	0.4	1200								Total	720.0	720.0
	PAGE	TOTAL	_						1200								1	
			Dry Bulb					1200							ere.	≥ 93 F	0	
		TOTAL	D.B./W.B.						1200						Mean No. of Hours with Temperature	≥ 80 F	1	
			= 31 D												ours with	≥73 F	0.0	
			29 - 30												40. of Hc	H	0	
YEARS			27 - 28 29					1.							Mean	≥ 67 F	90.0 21.6	
YE			25 - 26	. 22 23 - 24 25 - 26												≤ 32 F		186.6
			23 - 24													H	+	_
			21 - 22					2.								±0 F		
13=11		WET BULB TEMPERATURE DEPRESSION (F)	- 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21	19 - 20				80							ję.	1200	1200	200
1		RE DEPRE	6 17 - 18					. 8							No. Obs.	-	1	-
		APERATUR	14 15 - 1					7 1.3	-	-					σ×	1.812	=	8.146
		BULB TEA	12 13 -					1 3.7							ľ	N		
		WET	10 11 -					3.0 5.1							×	63.	45.9	37.6
-			8					-								153	51420	680
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2			.4 5					0.0							-	103	128	121
STATION NAME STATION NAME			.2 3					1.820							Σx²	54032	23259	1773751
BKO			0					7.821.820.018.811.7	all l			4			2			
T TION		mp.	(9)	11 /	- 5	6-		7- S							Element (X)	Rel. Hum.	Bulb	Wet Bulb
14011 STATION		ř	,	12/	00	* 2	000	10							Elem	Ref.	9	*
	us in		0		0	0								 EBACOV	SA	ME	VAI	7

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PSYCHROMETRIC SUMMA JAN 68

OF

Element (X) Rel. Hum.

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NAVWEASERVCOM

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Dry Bulb Wet Bulb Dew Point

PSYCHROMETRIC SUMMARY

2 LS.T.)		Dew Point	1200										Total	720.0	720.0
PAGE 2 HOURS (L.S.T.)	TOTAL	Wet Bulb	1200											9.	-
_		Dry Bulb	1200										≥93 F		
		D.B./W.B.	1200									Mean No. of Hours with Temperature	≥80 F	0.9	
		= 31										Hours with	≥73 F	30.6	2.8
		28 29 - 30										an No. of	≥ 67 F	0.80	33.0
		. 26 27 .										We			800
		23 - 24 25											≤ 32 F	-	-
		21 - 22 2							,				±0 F		
	WET BULB TEMPERATURE DEPRESSION (F)	1 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30	.5									No. Obs.	1200	1200	1200
	RATURE DE	15 - 16 17	1.2									Ž	1.	90	17.
	JLB TEMPE	13 - 14	2.4									ρ			7.021
	WET BI	10 11 - 12	.3 4.2									×	76.2	58.4	53.0
		. 8 9 .	10.0										1477	2000	64641
		5.6 7	16.91												
		3.4	017.2										13913	2000	3551701
		0 1.2	.728.					-				Σx3	73(41	33.
	emp.	(F)	TOTAL 11									Element (X)	Rel. Hum.	Dry Bulb	Wet Bulb

	1 (1 (1	733
55	PSYCHROMETRIC	SUMMA
-		

TOTAL TOTAL 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TOTAL TOTAL 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TOTAL TOTAL 10 10	101 10 10 10 10 10 10 10 10 10 10 10 10	TOTAL	TOTAL	ТОТАL ТОТАL ТОТАL 10 10 24 4 3 3 3 32 25 25 25 3 24 24 24 24 24 24 25 25 3 26 25 25 3 27 28 28 28 3 28 3 8 8 43 29 21 22 95 10 10 10 10 10 10 10 10 10 10 10 10 10 1	TOTAL	TOTAL	TOTAL	TOTAL TO	TOTAL	TOTAL	TOTAL TO	TOTAL	13. 14 15. 16 17. 18 19. 20 21. 22 23. 24 27. 28 29. 30 231 Da.W.B. Dry Bulb 23 24 24 24 24 24 24 24	BRUNSWICK, MAINE
21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D-B./W.B. Dry Bulb 4 4 3 3 3 2 4 2 4 5 2 5 2 5 2 5 2 5 2 5 2 5 2 5 2	21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D-B./W-B. Dry Bulb 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D-B./W-B. Dry Bulb 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dew Bulb Bulb Bulb Bulb Bulb Bulb Bulb Bulb	21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Ball De	21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dew Ball De	21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dew Bulb De	21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 DB. We. Bulb Wer Bulb Dew Box Barrens Bar	21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 DB. W.B. Dry Bulb Wet Bulb Dew Box Bulb Dew Box Bulb B	21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31	21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31	21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 E 31 D8./W.B. Dry Bulb Wei Bulb Dew 10 10 10 10 10 10 10 10 10 10 10 10 10	21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 21 D. W.B. Dry Bulb Wei Bulb Dew Company of the compan	21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 23 Da. W.B. Dry Bulb Wei Bulb Dew 24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Dew Dry Bulb	21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 23 D.B./W.B. Dry Bulb Werl Bulb Down Dow	
.1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .	.1 .2 .3 .3 .2 .1 .1 .1 .1 .2 .2 .3 .1 .2 .3 .1 .2 .3 .1 .1 .3 .1 .1 .46 .46 .35 .46 .46 .35 .46 .46 .35 .47 .43 .43 .43 .48 .48 .48 .48 .48 .48 .48 .48 .48 .48	.1 .2 .3 .3 .2 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .	.1 .2 .3 .3 .2 .1 .1 .1 .1 .1 .1 .1 .2 .2 .3 .1 .2 .3 .1 .1 .3 .1 .1 .3 .1 .1 .3 .1 .1 .3 .1 .1 .3 .1 .1 .4 .4 .4 .2 .2 .1 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	.1 .2 .3 .3 .1 .1 .1 .1 .1 .1 .3 .3 .3 .3 .3 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -	1.	1. 1 10 10 10 10 10 10 10 10 10 10 10 10 1	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1.	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -	-3 -3 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	1 1 1	1 01 - 8 9 - 10 1
.3 .3 .2 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	.3 .3 .2 .1 .1 .1 .2 .2 .2 .2 .3 .3 .1 .1 .1 .1 .1 .1 .1 .1 .2 .2 .2 .2 .2 .2 .2 .2 .2 .1 .2 .2 .1 .1 .1 .1 .1 .1 .1 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	.3 .3 .2 .1 .1 .1 .3 .2 .2 .3 .1 .2 .3 .2 .2 .2 .3 .2 .2 .2 .2 .3 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	.3 .3 .2 .1 .1 .1 .1 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	.3 .3 .2 .1 .1 .1 .1 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	.3 .3 .2 .1 .1 .1 .1 .3 .1 .2 .2 .3 .1 .2 .1 .1 .3 .1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .2 .2 .2 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3	.3 .3 .3 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	.3 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	.3 .3 .2 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	.2 .3 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	.3 .3 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	24 24 24 24 24 24 24 24 24 24 24 24 24 2	10 10 10 10 10 10 10 10 10 10 10 10 10 1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1. 2 3 .1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	.1
.1 .1 .1 .1 .1 .1 .1 .2 .2 .2 .2 .2 .1 .1 .1 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	.1 .1 .1 .1 .1 .25 .25 .3 .14 .1 .2 .1 .1 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	.1 .1 .1 .1 .1 .1 .2 .25 .25 .3 .14 .3 .15 .14 .3 .3 .14 .3 .3 .14 .3 .14 .3 .3 .14 .3 .3 .14 .3 .3 .14 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3	.1 .1 .1 .1 .1 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	.1 .1 .1 .1 .1 .25 .25 .3 .32 .14 .3 .3 .14 .3 .3 .3 .14 .3 .3 .3 .14 .3 .3 .3 .14 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3	.3 .1 .1 .1 .1 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3	.3 .1 .1 .1 .1 .1 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	. 3 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1	-1 .1 .1 .1 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	.3 .1 .1 .1 .1 .2 .1 .1 .1 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -	-3 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	-3 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -	• •
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PSYCHROMETRIC SUMMA JAN 68



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Dry Bulb Wet Bulb Ref. Hum.

PSYCHROMETRIC SUMMA

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Dry Bulb Wet Bulb

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Rel. Hum.

PSYCHROMETRIC SUMMARY

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Dew Poin Total TOTAL Wet Bulb Dry Bulb × 93 TOTAL D.B./W.B. ≥ 80 F Mean No. of Hours with 131 ≥73 F . 30 39 27 - 28 167 23 - 24 25 - 26 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 \$ 0 F WET BULB TEMPERATURE DEPRESSION (F) 9 - 10 NN + 2 - 0 0 0 0 0 0 0 N N 0

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Wet Bulb Dry Bulb Rel. Hum.

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		7 . 8 9 . 10 11 .						2.1 .6						2x	146	32653 26.
														Z Q×	19.	13 12.256
	BULB TEMPERATURE DEPRESSION (F)	12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22												No. Obs.	1240	1240
		1 . 22 23 . 24 25 . 26 27													= 32	16.2 507.0
		7 . 28 29 . 30 231												Mean No. of Hours with Temperature	267 F 273 F	
		D.B./W.B. Dry Bulb	2 2					1240						h Temperature	≥80 F ≥93 F	
PAGE 2 HOURS (L.S.T.)	TOTAL	Dry Bulb Wet Bulb Dew Point	2 17		1	4.0	m N	1240							H	744.6

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STATION		THE HOLLES																		
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Temp.				-	- 1		/ET BULB	TEMPER	WET BULB TEMPERATURE DEPRESSION (F)	EPRESSIC	£			-		L	TOTAL		TOTAL	
(6)	•	1.2	3.4	5.6	7 . 8 5	0 - 0	1 - 12 1	3 - 14 1	11 - 12 13 - 14 15 - 16 17 - 18 19	7 - 18 1	- 20 21	. 22 23	- 24 25	- 26 27 -	28 29 .	30 = 31	D.B./W.B.	Dry Bulb	Wet Bulb Dew Point	Dew Po
2	1										•		•				2	2		
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66 / 63	•							•	0	•							9	•		
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-	6		•	1.	-	• 1	7	.2	.2	.1	0.	0.		0.			142		7	
-	7	0.	•	•	1.	.2	.2	.2	1.	0.	0.		0				151		22	
	8	•0	•	•	.2	.1	.2	.2	.1		••	0.	0.				163		45	
1500	•	1. 0	•	•	• 2	.3	.2	.2		0	•	0.					223		62	6
Said	•	•	•	•	.3	. 3	.2	.2			0.						288		110	56
333	•	•	•	•	.3	.3	.3	.2	1.	0.	0.						416		190	2
200	•	•	•	•	.3		.1	.2	0.	0	0.						439		329	17
1357	•	1.	•	•	4.	.3	.2	. 1	1.	0.	0.						548		427	314
	•	-	•	•	. 5	.3	.2		0.	0							590		556	39
	•	•1	•	•	4.	.2	.2	.1	.1	0.	0.						534		552	42
4	•	-	•	•	4.	.3	.3		0.	•							495		543	52
	•	•	•	•		.2	7.	7.	0	0							451		572	;
	•	•	•	•			.1		0.	0.			-				477		530	46
54/ 5	•	8.	•	•	4.	. 2	•1	0.	0.								471		543	48
180	•	•	•	•	*	.3	1.	. 1	•								454		492	40
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	•	-		•	.3	.2	•										528		598	40
-	•	-	6.	•		.2	0.										551		569	52
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6 /	.3	-	80.	•		1.											500		498	47
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Element (X)		x7	1	1	×	1	×	×	-	No. Obs.	1			¥	ģ		with Tempera	fore	-	
Rel. Hum.												≥0 F	= 32	A1	₹ 67 F	≥73 F	₹ 80 F	2 93 F		Total
Dry Bulb																				
Wet Bulb																			-	
						-	1	The second second			The second secon	-		The same of the same of	The second second		The second secon			

PSYCHROMETRIC SUMMARY

5 PSYCHROMETRIC SUMMA JAN 68

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PSYCHROMETRIC SUMMARY

PAGE 3 HOURS (L.S.T.)	TOTAL TOTAL	- 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point	14608 14608 14608					÷		Mean No. of Hours with Temperature		000 0000 7000
		23	.1.							No. Obs.	8 110.92	14000 167.460
	WET BULB TEMPERATURE DEPRESSION (F)	11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22	3.3 2.3 1.3							χ α _x	5.2 19.587	601017 600
STATION NAME		5.6 7.8 9.10	14.9 8.2 5.4	Y							1015266 6	270046
STATION NAME		0 1.2 3.4	8.931.323.514.							Σχ²	35311866	CA10102
1 01710	Temp.	•	TOTAL							Element (X)	Rel. Hum. Dry Bulb	Wet Bulb

DRY-BULB TEMPERATURES DEG F FROM HOURLY DESERVATIONS

73-77

BRUNSWICK, MAINE

14611 STATION

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
10	AEAN S. D. TOTAL OBS	14.13	13111.726	9.012	37.1 7.072 150	46.9	57.2 6.567	4.977	5.741	7.994	43.4 8.306 155	35.6	24.2 12.792 155	17.634
*	MEAN S. D. TOTAL OBS	15.6	159 16.2 159 12.438	9.320	7.560	45.0 7.227 155	55.8	60.9 5.508	6.20	7.904	8.1.8 8.70 8.83	9.305	22.9	18.00
10	MEAN S. D. TOTAL OBS	14.1	13.305	9.28	39.5	30.6	6.932	66.1 1.203	5.830	4.1.4 4.1.5 5.1.5 6.1.5 6.1.5	*** *** ***	94.3	13.102	19.951
2	MEAN S. D. TOTAL OBS	20.1	24.5	9.028	47.3	57.5 9.631 155	8.809	73.0	72.7 6.803	7.036	7,835	4.000	27.3	20.207
13	MEAN S. D. TOTAL OBS	25.3	9.923	9.196	90.4 10.876	99.8 10.096 155	9.468	76.0 6.828	73.5	7.328	7.820	9.9.9	31-1	52.0 19.572 1826
2	MEAN S. D. TOTAL OBS	25.2 11.656	9.0.0	9.00	9.827	9.563	6.8.1 150	74.3	73.5	64.2	7.296	42.7 8.219	30.3	18.916
2.	S. D. TOTAL OBS	13.019	9.570	9.10	13.0	53.2 7.946 155	63.3	5.051	67.8 5.516	98.4	1.428	9.0	26.9	10.142
22	S. D. TOTAL OBS	13.551	55110-973	32.0	190.0	40.4	59.2 6.270 150	1.020	5.49	95.6	4.0.0 0.0.0 0.0.0	0.0 0.0 0.0 0.0 0.0 0.0	25.2 12.054 155	17.71
ALL	S. D. TOTAL OBS	19.6	23.5	93.3	10-111	52.5 9.734 1240	9.048	7.658	8.176	1200	1240	9.607	26.3 12.256 1240	19.335

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14011	88	BRUNSHICK	WAINE				73-77	11						
STATION			ā	STATION NAME						YEARS				
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
10	MEAN S. D. TOTAL OBS	15.4 16.3 13.60911.30	10.3	26.7 8.718 155	7.404	43.7	54.1	59.3	59.6 6.154	51.0 8.065 150	40.4 8.935 155	33.0 8.921 150	22°4 12°520 15°51	38.3
8	S. D. TOTAL OBS	13.072	97212-108 159 141	25.5 9.287 155	32.8	7.192	53.1 6.755	58.3	58.2	9.347	39.2 9.362 155	32.2 9.505 150	21.3	17.708
10	S. D. TOTAL OBS	12.8 15.6 14.27712.848 159 141	15.6	26.0 9.229 155	7.589	1.027	57.1 5.899 150	61.9 4.393	5.511	92.0 7.479	9.052	31.9 9.826 150	21.0	38.6 19.166
2	S. D. TOTAL OBS	18-1 21-8 12-52910-145 155 141	21.0	31.3 8.729 155	6.29	19.0	59.6	5.258	5.827	\$6.5 6.669 150	45.5	37.4	25.1 11.286 155	16.051
2	S. D. TOTAL OBS	22.2	25.6 8.681	33.7 8.575 155	1.874	91.0	60.7	66.1 5.262 155	5.936	57.8 6.490 150	47.3 7.457 155	39.2	27.8 710.330 0 155	17.027
2	S. D. TOTAL OBS	21.9	25.8 8.260 141	33.3 6.157	41.3	7.053	5.846	5.201	5.828	97.1 6.131 150	1.307	7.966	27.0	16.701
2	S. D. TOTAL OBS	12.417	9.36	30.4 7.928 155	38.4 7.053	47.5 6.431 155	57.2	62.7 4.869	62.7 5.839	54.1 6.302	43.1 8.120 159	35.1 8.611 150	24.6 11.708	17.009
22	S. D. TOTAL OBS	16.3 20.4 12.93110.621	20.4	28.7 8.246 155	36.1 6.956 150	45.6 6.390	59.1 5.900 150	5.091	60.7 5.678	52.3 7.093 150	41.1 8.538 159	9.202	23.3 11.957 155	17.20
ALL	S. D. TOTAL OBS	17.4 20.9 13.12911.111	11:111	9.103	37.6 8.146 1200	1.518	57.1 6.701 1200	5.659	6.462	53.9 7.622 1200	42.0 6.842 1240	95.0	24.0	17.783

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DEM-POINT TEMPERATURES DEG F FROM HOURLY DESERVATIONS

73-77

BRUNSWICK, MAINE

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12000				411		,,,,,	Num	-	0114	950	100	701	22.4	
10	MEAN S. D. TOTAL OBS	10.01	10.0	19.5	28.3	0.00	51.6 7.061	57.0 6.866 155	57.8	48.4	35.9	27.7	16.2 15.720 155	33.5 20.553 1826
8	MEAN S. D. TOTAL OBS	10.70915.2	9.6	18.7	27.7	39.8	50.8 7.629 150	7.231	7.543	47.7	35.0	27.3 12.105	15.3 15.952 155	32.7 20.73
6	S. J. TOTAL OBS	5.8 8.6 16.92215.9051	9.6.5	2.680	30.2	42.3 9.013	53.9	59.1	59.6	49.9 8.747	35.4	27.0 12.287 150	15.0 15.976 155	21.84
2	S. D. TOTAL OBS	16.21	19.0 2	923	29.6	42.2	54.0 8.540 150	7.502	7.825	51.7 8.976 150	38.1 11.719	30.7	18.5 14.737 155	20.83
2	S. D. TOTAL OBS	15.3	15.3	159	30.3	42.1 10.139	54.2 8.869 150	7.789	60.8	9.147	38.1 12.020 155	30.5	19.3	36.5
2	MEAN S. D. TOTAL OBS	15.264	14.9	15.3	30.7	42.2	53.5 8.252 150	59.6 7.636	60.0 135	51.5 8.899 150	37.5	29.5	18.6 14.852 155	20.24
0.1	MEAN S. D. TOTAL OBS	16.4491	13.8	2.820	30.1	6.301	52.6 7.680 150	58.6 6.834 155	7.107	50.4	36.9	12.145	17.4	35.1
2	MEAN S. D. TOTAL OBS	16.52914.3	00.7	20.8 12.974	29.5	41.4	52.0 7.095 150	57.9 6.462 155	58.4 6.880 155	49.3 8.794	35.9	12.22	16.8 15.330	20.36
ALL	S. D. TOTAL OBS	16.410	12.3	3.078	10.990	9.029	52.8 7.852 1200	7.170	7.562	50.0 9.142 1200	36.6 12.060 1240	28.6 12.072 1200	15.416	34.8

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BRUNSWICK, MAINE STATION

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

(L&I.) 10% 20% 30% 40% 50% 60% 70% 60% 70% 60% 70% 60% 70% 60% 70% 60% 70% 60% 70% 60% 70% 60% 70% 60% 70% 60% 70% 60% 70% 60% 70% 60% 70% 60% 7	-	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	OF RELATIVE	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
01 100:0 100:0 99:7 96:1 84:5 69:7 46:5 04 100:0 100:0 99:4 96:8 67:1 68:4 49:0 10 100:0 100:0 99:4 93.5 81:3 59:4 38:7 13 100:0 100:0 99:5 86.5 62:6 41:9 26:5 14 100:0 100:0 98:1 88:4 71:0 47:7 28:4 22 100:0 100:0 98:7 94:2 80:0 60:6 38:7 10 100:0 100:0 97:9 92:0 76:6 56:8 37:4	HOW I	(LS.T.)	10%	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	088.
04 100.0 100.0 99.4 96.8 87.1 68.4 45.8 07 100.0 100.0 100.0 98.7 90.3 68.4 49.0 10 100.0 100.0 99.4 93.5 81.3 59.4 38.7 14 100.0 100.0 98.1 88.4 71.0 47.7 28.4 22 100.0 100.0 98.7 94.2 80.0 60.6 38.7 10 100.0 100.0 97.9 92.0 76.6 56.8 37.4	JAN	10	100.0	100.0	98.7	96.1	84.5	69.7	46.3	29.0	10.3	0.69	155
07 100.0 100.0 100.0 98.7 90.3 68.4 49.0 10 100.0 100.0 99.4 93.5 81.3 59.4 38.7 13 100.0 100.0 95.5 86.5 62.6 41.9 26.5 16 100.0 100.0 93.5 81.9 56.1 38.1 25.2 19 100.0 100.0 98.7 94.2 80.0 60.6 38.7 22 100.0 100.0 98.7 94.2 80.0 60.6 38.7 100.0 100.0 97.9 92.0 76.6 56.8 37.4		*0	100.0	100.0	99.4	96.8	67.1	4.89	45.8	26.5	11.6	69.2	155
10 100.0 100.0 99.4 93.5 81.3 59.4 38.7 13 100.0 100.0 93.5 81.9 56.1 38.1 25.2 16 100.0 100.0 98.1 88.4 71.0 47.7 28.4 22 100.0 100.0 98.7 94.2 80.0 60.6 38.7 100.0 100.0 97.9 92.0 76.6 56.8 37.4		07	100.0	100.0	100.0	98.7	90.3	4.89	0.64	27.1	12,3	10.4	155
13 100.0 100.0 95.5 86.5 62.6 41.9 26.5 16 100.0 100.0 98.1 88.4 71.0 47.7 28.4 22 100.0 100.0 98.7 94.2 80.0 60.6 38.7 22 100.0 100.0 98.7 94.2 80.0 60.6 38.7 100.0 100.0 97.9 92.0 76.6 56.8 37.4		10	100.0	100.0	4.66	93.5	81.3	59.4	38.7	8.82	10.3	66.3	155
16 100.0 100.0 93.5 81.9 56.1 38.1 25.2 19 100.0 100.0 98.7 94.2 80.0 60.6 38.7 22 100.0 100.0 98.7 94.2 80.0 60.6 38.7 100.0 100.0 97.9 92.0 76.6 56.8 37.4		13	100.0	100.0	95.5	86.5	95.9	41.9	26.5	16.8	9.0	59.5	155
19 100.0 100.0 98.1 88.4 71.0 47.7 28.4 22 100.0 100.0 98.7 94.2 80.0 60.6 38.7 100.0 100.0 97.9 92.0 76.6 56.8 37.4		92	100.0	100.0	93.5	81.9	56.1	38.1	25.2	14.8	7:1	57.9	155
22 160.0 100.0 98.7 94.2 80.0 60.6 38.7 100.0 100.0 97.9 92.0 76.6 56.8 37.4		19	100.0	100.0	98.1	88.4	71.0	47.7	28.4	20.0	6.5	61.7	155
100.0 100.0 97.9 92.0 76.6 56.8 37.4		22	100.0	100.0	98:7	94.2	80.0	9.09	38.7	26.5	4.8	1.99	155
100.0 100.0 97.9 92.0 76.6 56.8 37.4													
100.0 100.0 97.9 92.0 76.6 56.8 37.4												1	
100.0 100.0 97.9 92.0 76.6 56.8 37.4													
The second secon	0	TALS	100.0	100.0	97.9	92.0	76.6	56.8	37.4	23.3	4.6	65.0	1240

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RELATIVE HUMIDITY

BRUNSWICK, MAINE STATION

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	SE FREQUENCY	OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
MONIH	(LS.T.)	10%	20%	30%	40%	20%	%09	70%	%08	%06	HUMIDITY	0.00
FEB	10	100.001	100.0	99.3	94.3	85.1	0.99	45.4	24.8	7.1	67.6	141
	*	100.01	100.0	99.3	96.5	88.7	10.9	\$0.4	29.8	10.0	70.1	141
	03	100.001	100.0	99.3	96.5	85.8	70.9	53.9	31.2	9.2	70.1	141
	9	100.0	100.0 100.0	99.3	90.8	68.1	53.9	39.0	22.0	8.5	68.2	141
	13	100.001	100.0	95.0	78.7	61.0	41.8	25.5	15.6	3,5	57.8	141
	16	100.0	100.0 100.0	89.4	74.5	56.7	36.9	27.0	15.6	4.3	56.5	141
	10	100.0	100.0 100.0	95.7	87.2	70.2	51.1	36.2	23.4	6.6	62.7	141
	22	100.0	100.0 100.0	99.3	94.3	79.4	61.7	41.8	25.5	9.5	8.99	141
0	TOTALS	100.001	100.0	97.1	89.1	74.4	56.7	39.9	23.5	7.8	4.49	1128

RELATIVE HUMIDITY

BRUNSWICK, MAINE STATION

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04.513 10% 20% 20% 40% 50% 70% 80% 90% Hilling 100;0 100;0 98;7 92;3 80;0 66;9 47;1 31;0 65;9 67;9 67;9 67;0 100;0 100;0 94;2 83;2 67;7 31;0 34;8 12;9 70;3 100;0 99;4 90;3 78;7 63;2 47;7 33;5 23;9 11;0 60;5 13 100;0 99;4 90;3 78;7 63;2 47;7 33;5 23;9 11;0 60;5 13 100;0 99;4 90;2 71;6 51;6 40;6 28;4 17;4 6;5 55;3 19 100;0 99;4 94;2 81;9 67;1 49;0 34;2 23;2 7;7 61;1 22 100;0 99;4 94;2 81;9 67;1 49;0 34;2 23;2 7;7 61;1 22 100;0 99;0 93;7 83;9 69;4 54;4 39;1 26;1 9;1 63;1 26;1 9;1 63;1	1	HOURS			PERCENTA	GE FREQUENCY	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
01 100:0 100:0 96:7 92.3 80:0 66.9 47.1 31.0 8:4 67.9 04 100:0 100:0 94.2 83.2 67.1 90.3 32.3 11:0 69:3 07 100:0 100:0 99:4 90:3 78.7 63.2 47.7 33.5 23.9 11:0 60:5 13 100:0 97.4 83:9 70.3 52.3 36.8 25.8 18.1 6.5 54.9 16 100:0 96.1 85:2 71.6 51.6 40.6 28.4 17.4 6.5 55.3 17 100:0 99:4 94:2 81.9 67:1 49:0 34.2 23.2 77 61:1 22 100:0 100:0 97:4 89:0 74.8 59:4 42:0 27.7 8:4 65:3 10 100:0 99:0 93:7 83.9 69:4 54.4 39:1 26:1 9:1 63:1	MONIA	(LS.T.)	10%	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	088.
04 100:0 100:0 94.2 63.2 67.7 90.3 32.3 11:0 69.3 07 100:0 100:0 100:0 99.4 90:3 78.7 63.2 47.7 33.5 23.9 11:0 60.5 10 100:0 97.4 83:9 70.3 52.3 36.8 25.8 18:1 6.5 54.9 16 100:0 96.1 85:2 71.6 51.6 40.6 28.4 17.4 6.5 55.3 19 100:0 99.4 94:2 81.9 67.1 49.0 34.2 23.2 7.7 61.1 22 100:0 97.4 89.0 74.8 59.4 42.0 27.7 8.4 65.3 100:0 99.0 93.7 83.9 69.4 54.4 39.1 26.1 9.1 65.3	MAR	10	100.0	100.0	98.7	92.3	80.0	699	47.1	31.0	4.8	67.9	155
07 100:0 100:0 100:0 93.5 83.2 67.7 91.0 34.8 12:9 70.3 10 100:0 99.4 90:3 78.7 63.2 47.7 33.5 23.9 11:0 60.5 13 100:0 97.4 83:9 70.3 52.3 36.8 25.8 18.1 6.5 54.9 16 100:0 96.1 85:2 71.6 51.6 40.6 28.4 17.4 6.5 55.3 19 100:0 99.4 94:2 81.9 67:1 49.0 34.2 23.2 7.7 61:1 22 100:0 100:0 97:4 89.0 74.8 59.4 42.6 27.7 8:4 65.3 100:0 99:0 93:7 83.9 69.4 54.4 39:1 26:1 9:1 67:1 63:1		*0	100.0	100.0	100.0	94.2	83.2	67.1	50.3	32.3	11:0	69,3	155
10 100:0 99.4 90:3 78.7 63.2 47.7 33.5 23.9 11:0 60.5 13 100:0 97.4 83:9 70.3 52.3 36.8 25.8 18.1 6.5 54.9 16 100:0 96.1 85:2 71.6 51.6 40.6 28.4 17.4 6.5 55.3 19 100:0 99.4 94:2 81.9 67.1 49.0 34.2 23.2 7:7 61:1 22 100:0 100:0 97:4 89.0 74.8 59.4 42.6 27.7 8:4 65.3 100:0 99.0 93.7 83.9 69.4 54.4 39.1 20:1 9:1 63.1		07	100.0	100.0	100.0	93.5	83.2	67.7	91.0	34.8	12.9	70.3	155
13 100:0 97.4 83:9 70.3 52.3 36.8 25.8 18.1 6:5 54.9 16 100:0 96.1 85:2 71.6 51.6 40.6 28.4 17.4 6:5 55:3 19 100:0 99.4 94:2 81.9 67:1 49.0 34.2 23.2 7:7 61:1 22 100:0 100.0 97:4 89.0 74.8 59.4 42.6 27.7 8:4 65:3 100:0 99.0 93.7 83.9 69.4 54.4 39.1 20.1 9:1 63.1		91	100.0	4.66	90.3	78.7	63.2	47.7	33.5	23.9	11.0	6000	155
16 100:0 96.1 85:2 71:6 51.6 40.6 28:4 17:4 6:5 55:3 19 100:0 99.4 94:2 81.9 67:1 49:0 34:2 23:2 7:7 61:1 22 100:0 97:4 89:0 74:8 59:4 42:0 27:7 8:4 65:3 100:0 99:0 93:7 83.9 69:4 54:4 39:1 26:1 9:1 63:1		13	100.0	97.4	83.9	70.3	52.3	36.8	25.8	18.1	6.5	54.9	155
19 100:0 99.4 94:2 81.9 67:1 49:0 34:2 23:2 7:7 61:1 22 100:0 97:4 89:0 74:8 59:4 42:0 27.7 8:4 65:3 100:0 99:0 93:7 83.9 69:4 54:4 39:1 26:1 9:1 63:1		91	100.0	96.1	85.2	71.6	51.6	40.0	28.4	17.4	6.5	55.3	155
22 100.0 100.0 97.4 89.0 74.8 59.4 42.6 27.7 8.4 65.3 100.0 99.0 93.7 83.9 69.4 54.4 39.1 26.1 9.1 63.1		61	100.0	4.06	94.2	81.9	67.1	49.0	34.2	23.2	7:7	61.1	155
100.0 99.0 93.7 83.9 69.4 54.4 39.1 26.1 9:1 63.1		22	100.0	100.0	97.4	99.0	74.8	39.4	45.0	27.7	8.4	65.3	155
100.0 99.0 93.7 83.9 69.4 54.4 39.1 26.1 9.1 63.1													
100.0 99.0 93.7 83.9 69.4 54.4 39.1 26.1 9.1 63.1													
	2	TALS	100.0	99.0	93.7	83.9	4.69	54.4	39.1	26.1	9:1	63.1	1240

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RELATIVE HUMIDITY

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	-		
30% 40%	30%		30%
0.00 96.0	100.0		0.001 0.0
00.00	100.0	100.0 100.0	0.001 0.00
7.96 0.00		100.0 100.0	0.001 0.0
88.0 63.3	88.0	-	88.0
80.7 58.7	80.7	-	80.7
82.0 70.0	82.0	-	82.0
93.3 84.7	93.3	96.7 93.3	93.3
99.3 92.0	99.3	100.0 99.3	99.3
92.0 82.4	0.00	-	

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

THE OF	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	OF RELATIVE	HUMIDITY GRE	EATER THAN			MEAN	TOTAL
MONIN	(L.S.T.)	%01	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	088.
MAY	10	100.0	100.0	100:0	4.66	95.5	87.7	74.2	47.1	16.8	78.2	155
	*	100.0	100.0	100.0	4.66	7.86	93.5	82.6	57.4	23,9	81.8	155
	70	100.0	100.0	4.66	98.7	91.0	75.5	61.9	43.2	18:7	75.1	155
	10	100.0	4.6	93.5	83.2	610	45.2	31.6	23.2	0.6	60.9	155
	13	100.0	7.06	87.7	73.5	55.5	36.8	26.5	16.8	7.1	56.1	155
	10	100.0	4.66	92.9	80.0	64.5	45.2	91.0	18.1	5.2	\$9.4	155
	61	100.0	4.06	98.7	90.3	82.6	0.69	46.5	24.5	8.4	9.10	155
	22	100.0	100.0	100.0	98.1	93.5	84.5	4.89	40.0	12.9	75.6	155
101	TOTALS	100.0	99.6	96.5	90.3	80.4	67.2	92.8	33.9	12.8	69.3	1240

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BRUNSWICK, MAINE

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

JUN 01 04 07 07 13 13	10%			3		PERCENIAGE TREGUENCY OF RELATIVE HUMIDITI GREATER THAN	AIER INAN			DELATIVE	200
10 NUL 04 04 07 10 10 13		20%	30%	40%	20%	%09	20%	%08	%06	HUMIDITY	OBS.
04 07 10 13	100.0	100.0	100.0 100.0		100.0	1.96	80.7	54.7	7:02	82,3	150
10 10	100.0	100.0	100.0	100.0	99.3	96.0	88.7	1.99	29.3	84.1	150
13	100.0	100.0	100.0	86.3	98.0	84.0	67.3	46.7	27.3	78.1	150
13	100.0	100.0	98.0	88.7	74.0	96.0	40.7	30.7	12.0	65.5	150
	100.0	100.0	94.0	78.7	64.7	49.3	37.3	24.0	8:7	61.4	150
91	100.0	100.0	4.7	84.0	70.7	53.3	39.3	28.0	9,3	63.3	150
61	100.0	100.0	99.3	91.3	96.0	72.0	51.3	35,3	10:7	70.6	150
22	100.0	100.0	100.0	100.0	98.0	87.3	7.89	43.3	20.7	78.2	150
TOTALS	100.0	100.0	98.3	92,8	86.3	74.3	59.3	41.2	18.1	72.9	1200

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTA	AGE FREQUENC	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	HUMIDITY GRE	EATER THAN			MEAN	TOTAL
MONIN	(L.S.T.)	10%	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	088.
300	10	100.0	100.0	100.0	100.0	100.0	8.96	84.5	63.2	29,7	83,2	155
	8	100.0	100.0	100.0	100.0	9.66	98.1	91.6	74.2	34.8	85.8	155
	10	100.0	100.0	100.0	100.0	1.86	90.3	0.69	+8.4	26.5	79.4	155
	9	100.0	100.0	100.0	95.5	70.1	56.1	39.4	28.4	12,3	96.2	155
	2	100.001	100.0	98.1	86.5	61.9	43.9	7.62	19.4	9:1	60.0	155
	91	100.001	100.0	4.66	4.	72.3	52.3	33.5	51.9	9:0	65.0	155
	61	100.0	100.0	100.0	98.1	89.7	78.1	55.5	36.1	11.0	72.0	155
	22	100.001	100.0	0.001 0.00	100.0	4.66	91.6	76.1	53.5	17.4	79.4	155
<u> </u>	TOTALS	1		1								
		100.0	100.0	49.7	96.1	87.2	75.9	80.6	43.1	18.4	73.7	1240

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-	HOURS			PERCENTA	GE FREQUENC	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
MONIH	(LS.T.)	301	20%	30%	40%	%0\$	%09	70%	80%	%06	HUMIDITY	088.
AUG	10	100.0	100.0 100.0	100:0 100.0	100.0	99.4	98.7	91.0	71.6	38.7	85,9	155
	*	100.0	100.0 100.0	100.0	100.0	100.0	7.96	99.5	73,5	45.2	87.9	135
	07	100.0	100.0 100.0	100.0 100.0	100.0	1.66	1.96	83.2	67.1	34.2	84.6	155
	10	100.0	100.0	100.0	1.96	95.0	58.1	43.2	28.4	9.7	9.19	155
	13	100.0	100.0 100.0	98.1	89.7	71.0	51.6	38.1	50.6	7.7	63.1	155
	91	100.0	100.0	98.7	91.6	77.4	61.0	45.6	26.5	7.7	66.3	155
	19	100.0 100.0	100.0	99.4	98.1	92.9	87.1	63.6	43.9	14:0	75.6	155
	22	100.0	100.0	100.0	100.0	4.66	95.5	90.08	61.9	21.9	82.1	155
Ď	TOTALS	0.001	0.001	8.00	0.40		91.0	6.7.3	49.2	22.5	76.6	1240

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

95				PERCENIA	GE PREGUENC	T OF KELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	ATER THAN			MEAN	NO N
SEP	(L.S.T.)	%0I	20%	30%	40%	20%	%09	70%	%08	%06	HUMIDITY	OBS.
	10	100.0	100:0 100.0	100.0	100.0	100.0	92.7	76.7	62.7	36.0	83.1	150
	*	100.0	100.0 100.0 100.0	100.0	100.0	99.3	0.96	81.3	0.99	42.7	85.5	150
	60	100.0	100.0 100.0	100:0	100.0	99.3	1.96	90.0	68.0	49,3	85.6	150
	01	100.0	100.0	100.0	98.0	82.7	60.7	0.84	32.7	17.3	69.7	150
	2	100.0	100.0	98.7	88.0	64.7	49.3	36.7	25.3	11.3	63.2	150
	=	100.0	100.0	98.7	91.3	76.0	57.3	40.0	25.3	16.0	2.99	150
	2	100.0	100.0	100.0	99.3	96.7	81.3	7.95	44.7	21,3	76.1	150
	22	100.0	100.0	100.0	100.0	99.3	0.06	70.0	51.3	28.0	80.5	150
TOTALS	SII	100.001	100.0	99:7	97.1	89.8	78.0	61.2	47.0	17.72	76.2	1200

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BRUNSHICK, MAINE 14611 STATION

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04 100.0 100.0 98.1 89.0 63.9 04 100.0 100.0 98.1 89.0 80.0 63.9 04 100.0 100.0 90.1 92.3 81.9 69.7 10 100.0 100.0 90.3 71.6 52.3 39.4 25.2 16 100.0 99.4 91.6 74.2 60.0 40.6 27.7 19 100.0 100.0 90.3 71.6 52.3 39.4 25.2 22 100.0 100.0 90.3 71.6 52.3 39.4 25.2 00.0 100.0 100.0 90.3 80.6 67.1 45.2 00.0 100.0 100.0 95.5 87.1 74.8 56.8 00.0 00.0 00.0 00.7 7.7 74.6 76.7		HOURS			PERCENTA	GE FREQUENCY	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
04 180.0 100.0 100.0 98.1 89.0 60.0 63.9 04 180.0 100.0 100.0 96.7 91.6 80.0 67.1 10 180.0 180.0 180.0 97.4 85.8 69.0 51.6 58.1 11 180.0 180.0 99.4 91.6 74.2 60.0 40.6 27.7 12 180.0 180.0 180.0 90.3 88.6 67.1 45.2 22 180.0 180.0 180.0 95.5 87.1 74.8 56.8 19 180.0 180.0 180.0 95.5 87.1 74.8 56.8 19 180.0 180.0 180.0 95.5 87.1 74.8 56.8	MONIH	(LS.T.)	10%	20%	30%	40%	20%	%09	70%	%08	%06	HUMIDITY	OBS.
04 100.0 100.0 100.0 98.1 92.3 81.9 69.7 10 100.0 100.0 97.4 85.8 69.0 51.6 38.1 10 100.0 100.0 90.3 71.6 52.3 39.4 25.2 100.0 100.0 100.0 90.3 80.6 67.1 45.2 22 100.0 100.0 100.0 99.5 87.1 74.8 56.8 100.0 100.0 100.0 99.5 87.1 74.8 56.8 100.0 100.0 100.0 97.4 89.0 77.7 64.4 49.2	100	70	100.0	100.0	100.0	98.1	89.0	80.0	63.9	47.1	24.5	76.4	155
10 100.0 100.0 97.4 85.8 69.0 51.6 38.1 10 100.0 100.0 90.3 71.6 52.3 39.4 25.2 16 100.0 100.0 100.0 90.3 80.6 67.1 45.2 22 100.0 100.0 100.0 95.5 87.1 74.8 56.8 100.0 100.0 100.0 95.5 87.1 74.8 56.8 100.0 100.0 100.0 97.4 80.0 77.7 44.4 45.2		*	100.0	100.0	100.0	98.7	91.6	80.0	67.1	55.5	30.3	78,3	155
10 100.0 100.0 97.4 85.8 69.0 51.6 38.1 13 100.0 100.0 90.3 71.6 52.3 39.4 25.2 16 100.0 99.4 91.6 74.2 60.0 40.6 27.7 19 100.0 100.0 100.0 90.3 80.6 67.1 45.2 22 100.0 100.0 100.0 95.5 87.1 74.8 56.8		10	100.0	100.0		98.1	6.26	81.9	1.69	54.8	29.0	78.9	155
13 100.0 100.0 90.3 71.6 52.3 39.4 25.2 16 100.0 100.0 100.0 90.3 80.6 67.1 45.2 22 100.0 100.0 100.0 95.5 87.1 74.8 56.8 100.0 100.0 100.0 95.5 87.1 74.8 56.8		10	100.0	100.0	97:4	85.8	0.69	51.6	38.1	23.2	11.0	63,3	155
16 100.0 99.4 91.6 74.2 60.0 40.6 27.7 19 100.0 100.0 100.0 90.3 80.6 67.1 45.2 22 100.0 100.0 100.0 95.5 87.1 74.8 56.8		2		100.0	90:3	71.6	52.3	39.4	25.2	14.2	8.4	56.1	155
22 100.0 100.0 100.0 90.3 80.6 67.1 45.2 22 100.0 100.0 100.0 95.5 87.1 74.8 56.8 36.8 56.8 56.8 56.8 56.8 56.8 56.8 56.8 5		91	100.0	*	91:0	74.2	0.09	40.0	7.73	18.7	7:7	57.7	155
22 100.0 100.0 100.0 95.5 87.1 74.8 56.8		19	V. Carlot	100.0		90.3	90.08	67.1	45.2	27.1	11.6	68.1	155
77.7		22	100.0	100.0	100.0	98.5	1.7.6	74.8	9.95	38.7	\$0.6	73.3	155
00.00 0.00 0.00 0.00 0.00 0.00 0.00 0.													
100.0 00.0 07.4 80.0 77.7 AL. 40.2						Young the second							
2007 1000 1000 1000	01	TALS	100.0	99.9	97.4	89.0	77.7	64.4	49.2	34.9	17:0	69:0	1240

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RELATIVE HUMIDITY

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	088.	150	150	150	150	150	150	150	150		1200
MEAN	HUMIDITY	74.5	76.2	76.0	1.89	60.2	95.0	4.69	71.8		6.04
	%06	24:7	25.3	22,0	16.7	13,3	12,7	17,3	18.0		18.8
	80%	43.3	45.3	46.7	29.3	20.0	22.0	30.7	37.3		34.3
ATER THAN	70%	55.3	90.0	62.7	48.7	31.3	34.7	48.0	92.0		1.04
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	%09	75.3	79.3	78.0	61.3	4.4	50.7	65.3	70.0		7.87
OF RELATIVE	20%	92.0	0.46	91.3	74.7	62.0	67.3	80.0	94.0		
SE FREQUENCY	40%	99.3	7.86	99.3	91.3	100	82.0	0.46	98.0		0 50
PERCENTAC	30%	100.0	100.0	100.0	100.0	96.0	98.0	100.0	100.0		2.00
	20%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
	%01	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		0.00.
HOURS	(L.S.T.)	10	*0	07	10	23	=	10	22		TOTALS
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RELATIVE HUMIDITY

BRUNSHICK, MAINE STATION

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

(1451) 108. 208. 209.	-	HOURS			PERCENTA	GE FREQUENCY	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
01 100:0 100:0 100:0 98.1 87.7 74.2 58.1 35.5 16:8 72.5	MONIN	(LS.T.)	10%	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	088.
04 100.0 100.0 96.8 89.0 76.1 58.7 40.0 20.6 74.0 07 100.0 100.0 99.4 96.1 87.7 74.8 63.2 43.9 21.9 74.2 10 100.0 98.7 97.4 88.4 68.4 52.3 38.7 27.1 14.8 64.3 16 100.0 99.4 96.8 88.4 69.0 55.5 38.1 22.6 14.2 64.0 19 100.0 98.1 94.2 84.5 61.9 44.5 30.3 20.0 68.9 22 100.0 100.0 95.5 88.4 74.8 55.5 32.9 19.4 71.7	DEC	10	100.0	100.0	100:0	98.1	87.7	74.2	58.1	35.5	16.8	72.5	155
07 100.0 100.0 99.4 96.1 87.7 74.8 63.2 43.9 21.9 74.2 10 100.0 100.0 99.4 95.5 85.2 72.3 49.7 32.9 21.3 71.3 18 100.0 99.4 96.8 88.4 69.0 53.5 38.1 27.1 14.8 64.0 19 100.0 100.0 98.1 94.2 84.5 61.9 44.5 30.3 20.0 68.9 22 100.0 100.0 95.5 88.4 74.8 55.5 32.9 19.4 71.7		*	100.0	100.0	100:0	96.8	89.0	76.1	58.7	40.0	20,0	74.0	155
10 100.0 99.4 95.5 85.2 72.3 49.7 32.9 21.3 71.3 13 100.0 96.7 97.4 86.4 68.4 52.3 38.7 27.1 14.6 64.3 16 100.0 99.4 96.8 88.4 69.0 55.5 38.1 22.6 14.2 64.0 19 100.0 100.0 95.5 88.4 74.8 55.5 32.9 19.4 71.7		07		100.0	4.00	96.1	87.7	74.8	63.2	43.9	51.9	74.2	155
13 100.0 99.4 96.8 88.4 69.0 55.5 38.7 27.1 14.8 64.5 16 100.0 99.4 96.8 88.4 69.0 55.5 36.1 22.6 14.2 64.0 19 100.0 100.0 98.1 94.2 84.5 61.9 44.5 30.3 20.0 68.9 22 100.0 100.0 100.0 95.5 88.4 74.8 55.5 32.9 19.4 71.7		10	100.0	100.0	4.66	95.5	85.2	72.3	49.7	32.9	21,3	71.3	155
16 100.0 99.4 96.8 88.4 69.0 53.5 38.1 22.6 14.2 64.0 19 100.0 100.0 96.1 94.2 84.5 61.9 44.5 30.3 20.0 68.9 22 100.0 100.0 95.5 88.4 74.8 55.5 32.9 19.4 71.7		2	100.0	7.86	97.4	88.4	68.4	52.3	38.7	27.1	14.8	64.3	155
19 100.0 100.0 96.1 94.2 84.5 61.9 44.5 30.3 20.0 68.9 22 100.0 100.0 95.5 88.4 74.8 55.5 32.9 19.4 71.7		2	100.0	99.4	96.8	88.4	0.69	\$3.5	38.1	22.6	14.2	0.40	155
22 100:0 100:0 95.5 88.4 74.8 55.5 32.9 19.4 71.7		•	100.0	100.0	1.96	94.2	84.5	61.9	44.5	30.3	20.02	68.8	155
		22	100.0	100.0	100.0	95.5	88.4	74.8	55.5	32.9	19.4	71.7	155
	5	TOTALS		1									

RELATIVE HUMIDITY

611 BRUNSWICK, MAIN

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENCY	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
MONIN	(1.5.7.)	10%	20%	30%	40%	20%	%09	70%	%08	%06	HUMIDITY	088.
JAN	ALL	100.0	100.0	97.9	92.0	76.6	56.8	37.4	23.3	9.4	0.50	1240
16		100.0	100.0	97.1	89.1	74.4	56.7	39.9	23.5	7.8	4.40	1120
MAR		100.0	0.06	93.7	83.9	4.69	34.4	39.1	1.92	9.1	63.1	1240
APR		100.0	98.8	92.9	82.4	68.7	54.5	40.7	8.92	12.6	63.5	1200
MAY		100.0	99.6	96.5	90.3	\$0.4	67.2	52.8	33.9	12.8	69.3	1240
NOT		100.0	100.0	98.3	92.8	86.3	74.3	59.3	41.2	18:1	72.9	1200
300		100.0	100.0	99.7	96.1	87.2	75.9	6.65	43.1	18.4	73.7	1240
AUG		100.0	100.0	99.5	6.96	90.3	81.0	67.3	49.2	22,5	76.6	1240
SEP		100.0	100.0	99.7	97.1	89.8	78.0	61.2	47.0	17.72	76.2	1200
100		100.0	99.9	97.4	89.0	77.7	4.49	49.2	34.9	17.9	0.69	1240
NOV		100.0	100.0	99.3	92.9	80.7	9.69	1001	34.3	18.8	66.69	1200
DEC		100.0	99.8	98.9	96.1	82.5	67.5	50.8	33.2	18.6	70.1	1240
9	TOTALS	100.0	99.8	97.6	91.4	80.3	66.4	50.6	34.7	1661	69.5	14608

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14611 STATION

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CALM										2	2	20	5.	20	23	20	20	12	20	23	31	37	33				1
WNW W										8.7	1.2	9.2	0.6	14.0	11.6	12.3	~	8.2	13.9	7.7	31.3	37.5					
wsw & w									50.0	10.9	23.5	9.5	13.8	10.1	14.8	13.6	8.5	12.2	6.9	3.1							
SSW & SW							100.0		12.5	28	20	20	16.8	6.0	10.3	4.1	6.8	1.4	2.8	5.1	6.9		33.3				
SSE & S								100.0	37.5	41.3	17.6	9.5	4.8	0.	1.9	5.6	•	2.0	1.4	5.6	6.3						
ESE & SE										4.3	4.7			•		9.											
S EN E										4.3	5.9	2.0	1.2		9.	2.6	1.7	2.0	2.8	5.1							
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22 TO 26

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37 TO 41

42 TO 46

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BRUNSWICK, MAINE

14611 STATION

FEBRUARY JANUARY 1973-DECEMBER 1977

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82 TO 86

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				25.0	27.7	22.8	19.3	9.6	1.0	6.9	3.6	2.1	1.0	
				37.5	31.9	12.0	13.3	8.6	2.6	2.4		7.7	1.0	-
				12.5	4.3	8.7	3.4	•						
					4.3	3.4	0.0	4.3	2.5	1.4		1.2		

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	4.3	5.4	0.0	4.3	2.5	1.4		1.2	
		4.3	0.0	11.0	14.4	13.2	0.0	11.5	

32 TO 36

27 TO 31

42 TO 46

37 TO 41

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4.3	0.0	11.0		13.2	0.0	11.5	7.8
9.8	19.3	25.2	17.2	25.0	28.5	33.3	39.1

1.0.1	13.2	0.0	11.5		4.0	12.5	
17.2	0.62	28.5	33.3	39.1	33.3	25.0	
22 TO 26	17 TO 21	12 TO 16	11 01 7	2 70 6	-3 TO 1	-8 TO-4	

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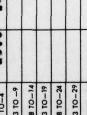
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WIND DIRECTION

MAINE

BRUNSWICK

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JANUARY 1973-DECEMBER 1977

MARCH

HOURS (L.S.T.) ALL

22.2 4:1 1240 100.0 % OF TOTAL 121 TOTAL FREQ. 126.00 13.5 14.8 W N W 0. WSW & W 000000 11.4 5.3 WIND DIRECTION SSW & SW 14.4 100.0 SSE & S 2.3 2.7 ESE & SE 2.0 4000000 ENE 8 11.0 123.20 12.5 NNE A 20.5 14.0 14.0 20.7 27.7 31.6 31.6 NN N -18 TO-14 -28 TO-24 -53 TO-49 -23 TO-19 -33 TO-29 -38 TO-34 -43 TO-39 -48 TO-44 -58 TO-54 -59 & LWR -13 TO -9 17 10 121 101 01 76 16 01 78 17 07 79 52 TO 56 47 TO 51 37 TO 41 32 TO 36 27 TO 31 17 10 21 TOTALS 112 TO 116 111 01 201 92 10 96 82 TO 86 72 10 76 12 TO 46 102 TO 106 18 01 77 62 TO 66 19 01 75 22 10 26 12 TO 16 -3 10 1 -8 10-4 11 01 7 TEMP. 10 6 122+

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00.27 APRIL % OF TOTAL TOTAL FREG. JANUARY 1973-DECEMBER 1977 8.8 8.1 112.5 110.9 CALM 19.4 WNW WNW 40.0 wsw & w 11.3.2 SSW & SW WIND DIRECTION SSE & S 4.2 2000 ESE & SE 000 ENE ENE 20.0 10.0 2.4 NNE AS BRUNSWICK, MAINE 20.0 33.3 19.3 N Z 52 TO 66 12 OT 7 121 01 711 111 07 701 101 OT 76 32 TO 86 17 07 19 01 75 37 TO 41 112 TO 116 92 10 96 52 TO 56 42 TO 46 102 TO 106 16 01 78 7 70 81 72 10 76 TEMP. 22 70 2 17 10 2 122+ 32 TO

32 TO 36	31.3	0.0	1.0	2.3	0.1	0.0	1101	7.1	1	7.40	10.2
27 TO 31	1.72	4.1	5.0	1.2	1.2	4.1	11.8	20.0	23.5	69	1.1
22 TO 26	20.0	10.1				6.1	13.3	16.7	1.92	30	2.5
17 TO 21	8.3						8.3	41.7	41.7	21	0.1
12 TO 16									100.0	-	7:
11 01 7											
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-3 TO 1											
-8 TO-4											
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-18 TO-14											
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-33 TO-29											
-38 TO-34											
-43 10-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR											
TOTALS	51.6	8.6	3.0	6.4	15.3	1.8	0.8	15.2	79.5	1500	1200 100.0

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE	VS.

BRUNSEICK, MAINE

JANUARY 1973-DECEMBER 1977

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WIND DIRECTION

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201	SSW	S SW				5.0	6.1	10.1	16.5	19.0	13.3	4.6	5.0	6.5	8.0
IND DIREC	SSE	8.5			66.7	55.0	35.5	33.9	38.1	34.6	39.9	27.5	18.1	1.2	
-	ESE	\$ SE		H		5.0	4.6	3.2	4.1	7.2	4.3	7.2	2.6	3.6	

102 TO 106

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-59 & LWR TOTALS

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117 TO 121 112 TO 116 107 TO 111 102 TO 106											
112 TO 116 107 TO 111 102 TO 106 97 TO 101											
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101 01 76											
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92 TO 96								100.0		-	.1
16 01 78	8.3			E . 3	25.0	16.7	8.3	33.3		12	1.0
82 TO 86	7:1	10.7			17.9	32.1	3.6	21.4	7.1	28	2.3
18 OT 77	10.4	3.6			33.9	30.4	10.7	8.9	1.8	96	4.7
72 10 76	10.1	7.1		2.0	45.4	15.2	6.1	8.1	1.6	66	
17 07 79	8.8	2.4		5.9	37.6	28.2	1.8	7.1	2.8	170	
62 TO 66	4.6	5.6	3.7	4.8	40.7	25.2	3.0	1.9	13.3	270	
19 01 75	12.7	1.,	0.9	6.3	29.8	11.9	5.4	5.2	16.7	262	21.0
52 TO 56	15.2	6.6	10.3	6.4	20.6	9.0	4.4	5.9	54.5	102	17.0
10 51	18.8	8.8	15.0		12.5	11.3	8.8	3.8	21.3	80	6.7
42 TO 46	23.8	8.4			6.4	6.6	4.8		52.4	12	1.8
37 TO 41						28.6	14.3		57.1	-	9.
32 TO 36											
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-43 TO-39											
-48 TO-44											
-53 TO-49											
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TOTALS	10.6	0.3	4.0	2.0	30.9	17.3		5.3	15.5	1600	100.0

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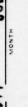
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BRUNSWICK, MAINE

WIND DIRECTION
JANUARY 1973-DECEMBER 1977

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TEMP.	N Z	NNE NE	S E	ESE & SE	SSE & S	\$5 W	wsw & w	WNW WN W	CALM	TOTAL FREG.	% OF
122+											
17 TO 121											
112 TO 116											
111 01 701											
102 TO 106											
101 OT 79	50.0							20.0		2	
92 10 %	25.0		25.0		25.0		25.0			*	
16 01 78	9.1				45.5	9.1	9.1	27.3		11	
82 TO 86	10.2		2.0		32.7	20.4	50.4	10.2	1.4	49	*
18 01 77	13.4		2.5	4.2	28.6	16.8	13.4	10.9	2.9	119	6
72 TO 76	13.6	4.5	0.,	4.0	30.5	13.6	11.3	11.3	1.3	177	14
17 07 79	8.0		2.8	4.9	30.4	22.7	6.4	3.1	17.5	987	23
62 TO 66	13.7		5.4	6.3	19.4	14.3	9.0	4.2	22.1	335	27
19 01 75	16.0		3.7	4.9	10.4	7.0	4.3	9.5	39.3	103	13
52 TO 56	13.4		4.5		0.0	3.0	3.0	7.5	20.1	0.1	2
15 01 74	26.1						4.3	4.3	56.5	23	7
42 TO 46									100.0	2	
37 TO 41							100.0			1	
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TOTALS	12.7	2.6	3.6	***	23.0	1.0.1	1.01	6.9	0.12	12.0 100	100
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JANUARY 1973-DECEMBER 1977

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	% OF TOTAL											-	1:3	5.2	10.2	16.1	9.22	18.5	12.7	8.2	3.0	1.0	.3																
	TOTAL FREQ.											-	16	65	127	002	092	230	157	701	45	13	•																
	CALM													3.1	7.9	0.6	10.0	23.5	1.92	37.3	***	2.60	100.0																
	www www												18.8	12.3	7.1	7.5	8.9	9.6	14.0	12.7	8.9	7.7																	
	wsw & w													9.5	6.3	11.5	1.0	5.7	1.0	6.6	***	1:1																	
NOIL	\$5W & SW												25.0	20.0	23.0	19.5	17.1	0.0	9.0	9.6	4.4	1.1																	
WIND DIRECTION	SSE & S											100.0	25.0	29.5	25.2	23.0	10.6	1.6	1.9																				
-	ESE & SE												6.3		2.4	4.0	4.3	••																					
	S ENE												6.3	7.7	5.5	9.0	9.0	6.	6.1										-										
	A NE												12.5	4.6	6.3	0.0	15.0	10.9	9.6																				
	N Z Z												6.3	13.6	13.7	14.5	17.5	30.0	50.0	30.4	37.8	1:1																	
	TEMP.	122+	12101711	112 TO 116	111 07 701	102 TO 106	101 01 76	92 TO 96	16 01 78	82 TO 86	18 01 77	72 10 76	17 07 78	62 TO 66	19 01 75	52 TO 56	10 51	42 TO 46	37 TO 41	32 TO 36	15 07 72	22 TO 26	17 TO 21	12 TO 16	7 TO 11	2 70 6	-3 TO 1	-8 TO-4	-13 TO -9	-18 TO-14	-23 TO-19	-28 TO-24	-33 TO-29	-38 TO-34	-43 TO-39	-48 TO-44	-53 TO-49	-58 TO-54	-59 & LWR

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WIND DIRECTION

BRUNSWICK, MAINE

NOVEMBER JANUARY 1973-DECEMBER 1977

HOURS (L.S.T.)

12.8 % OF TOTAL TOTAL FREG. 13.0 \$.15 \$.15 CALM 25.0 25.0 5.9 6.2 8.3 14.1 15.3 WNW RNW 13.9 WSW & W 113.0 20.0 SSW & SW WIND DIRECTION 19.28 SSE 1.4 2.1 ESE & SE 3.8 ENE ENE 25.0 10.01 NNE S 6.00 N Z 101 01 76 -18 TO-14 -23 TO-19 -28 TO-24 -33 10-29 -38 TO-34 -43 TO-39 -48 TO-44

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112 TO 116											
111 07 701											
102 TO 106											
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72 TO 76											
17 OT 79											
62 TO 66											
19 01 25						27	100.0				
52 TO 56			0.4	8.0					4.0	25	2
12 07 74	2.8	-1=	2.8	_			8.3			36	2
42 TO 46	5.6			3.7	33.3	27.8	1.4	3.1	5.0	54	*
37 TO 41	14.3				13.4		11.8	16.0	10.9	119	6
32 TO 36	23.0	14.2	5.9	1.0		14.7	10.3	15.7	12.7	502	10
27 TO 31	23.2	1	3.1		6.4	7.1	5.8	11.9	20.8	226	18
22 TO 26	37.9	181	1:1		1.6	3.3	6.6	9.3	19.2		*1
17 10 21	31.0		1.6			0.0	1:1:	20.6	50.0		10
12 TO 16	13.6			1.1		8.9	4:4	18.9	34.4	06	•
7 10 11	25.2	16.7	1.9		6.	6.9	6.3	13.0	30.6	108	20
2 70 6	15.6	7.9	5.6			5.6	18.4	28.9	23.7	38	•
-3 TO 1	33.3	6.7					6.7	26.7	26.7	15	-
-8 T0-4	30.0							30.0	40.0	10	
-13 TO -9	80.0								20.0	2	
-18 TO-14								100.0		-	
-23 TO-19											
-28 TO-24											
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121 01 711											
112 TO 116											
111 OT 701											
102 TO 106											
101 01 26	50.0							50.0		2	0.
95 10 96	11.1		11.1		22,2		4.44	11.1		6	7.
16 01 78	10.0			2.5	35.0			30.0		04	6.
82 TO 86	11.3				26.8	26.8		12.7	2.8	142	
18 07 77	10.5							6.6		334	
72 TO 76	11.3							10.0		538	
17 07 79	4.9						5.5	6.7	12.4	166	6.0
62 TO 66	10.5	5.5	3.2	4.8				6.2		1414	
19 01 75	13.0							7.0		1204	
52 TO 56	11.7							7.3		1172	
12 07 74	13.4							0.0	15.8	1250	8.6
42 TO 46	17.7							8.9		1333	
37 TO 41	18.8					1		12.8		1312	
32 TO 36	23.9							13.4		1316	
15 07 72	23.4	13.3	3.4		4.8	1.6	0.6	14.7	22.1	1064	
22 TO 26	24.5							14.8		751	5
17 10 21	25.3				2.0			18.5		250	
12 TO 16	26.5			• •	1.4			17.6		164	3.0
7 10 11	27.9				7.2			15.0		340	2.3
2 10 6	34.0				1.5			13.6		209	1.4
-3 TO 1	29.4	17.4	1.8		6.	. 5		14.7	25.7	109	•
-8 TO-4	33.8	10.8	3.1		1.5		3.1	10.8	33.8	69	*.
-13 70 -9	30.4	6.3			6.3			21.7	34.8	23	.2
-18 TO-14		25.2						***	33.3	•	-:
-23 10-19		33.3				33.3			33.3	9	0.
-28 TO-24											
-33 TO-29											
-38 TO-34											
-43 TO-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR											
TOTALS	17.2	6.7	4.0	3.1	17.1	13.2	8.1	10.8	17.8	14608	100.0

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NAVWEASERVCOM

PART F

PRESSURE SUMMARY

of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and Presented in this part are two tables giving the means, standard deviations, and total number of observations after those dates.

- 1. Station pressure in inches of mercury.
- 2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.

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STATION				STATION NAME						YEARS				
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	8	NOV.	DEC.	ANNUAL
10	S. D. TOTAL OBS	188.62	20.8612 .327	.338	29-825	29.8492	199	155	133	213	.253	150	29.905 .358 155	29.883
8	AEAN S. D. TOTAL OBS	29.87029.85329	29.65	.346	29-8212	29.8472	200	9.6452	19.9282 136	.213	.265	9.877	29.907	29.881
10	AEAN S. D. TOTAL OBS	29.088	29.8712	3542	29.8452	20.86	2005-	155	139	.217 -217 150	159	.319	29.917	29.902
2	MEAN S. D. TOTAL OBS	29.91029.87429	29.87	.350	29.8362	29.8602	20.8902	9.8612	143	150	.270	. 321 150	29.937	29.904
2	S. D. TOTAL OBS	29.05229.02929	29.62	.346	29.7992	29.0342	201	135	143	29.9312	262	29.857	29.881	29.868
2	AEAN S. D. TOTAL OBS	29.65929.82429	29.62	.339	29.7862	29.8182	29.8542	19.8252	141.	29.9162	.253	29.862	29.884 .350 155	29.859
2	MEAN S. D. TOTAL OBS	29.87629.85429	29.62	.330	29.814 .261	29.8332	29.8612	159	133	29.9362	9.960	29.889	29.905	29.879
22	S. D. TOTAL OBS	29.87929.8652	29.865	.332	29.839	29.8512	150	19.8542	19.93	19.9442	.254	29.888	29.907 .360 155	29.890
ALL	S. D. TOTAL OBS	29.87429.85429 .334 .323 1240 1128	.32	.340	29.821	29.8452	200	171	1240	20.9412	29.960	1200	29.905 .354 1240	29.883

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

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HRS.(L.S.T.)	-	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	L	DEC.
8	S. D. TOTAL OBS	22	11.086	11.472	500	1013.4 6.457 185	200	1013.3 5.777	200	1016.6 7.219 150	200	22	120	15.3
8	S. D. TOTAL OBS	1014.21013.610 11.21611.45411 159 141	1013.6	11.741	9.072	1013.4 6.649 155	1014.1 6.813	1013.3 5.916 155	1016.1	7.234	1017.1 9.006 155	10.637	101	5.5
6	S. D. TOTAL OBS	1014.81014.210 11.27011.73912 159 141	1014.2	14.5 010 155	1013.3	1014.1 6.817	6.789	1014.0 5.969 159	1017.0	1017.2	9.129	10.816	1019	525
2	S. D. TOTAL OBS	1015-91014-	1014.31	1.875	1013.0	1013.8	1014.8	1013.8 6.010	1016.9	1017.3	1017.9	10.898	1016	47.8
2	S. D. TOTAL OBS	1013-51012-810 11.34911-05811 159 141	11.058	13.3	19.084	6.590	1014.2 6.787	1013-1 5.986 155	1016.1	1016.2	1016.5	10.620	101	903
2	S. D. TOTAL OBS	1013-61012-610 11.33910-39411 159 141	10.394	12.8	1011.3 8.899 150	1012.3	1013.6 6.920 150	1012.6 5.840 155	1015.6 4.791	7.163	1016.3 8.598 155	10.161	101	000
2	S. D. TOTAL OBS	1014-31013-410 11-49610-14711 159 141	1013.6	13.6	1012.2 8.845 150	1012.9 5.979 155	6.805	1013.0 5.526 155	1015.9	7.096	1017.2 8.423 155	9.897	1019	W & W
22	S. D. TOTAL OBS	1014-41014-010	10.920	159	1013.1 8.857 150	1013.3 6.029 155	1014.3 6.785	1013.6 5.549 155	1016.5	7,174	1017.4 8.637 159	10.06	1015	4 00
ALL	S. D. TOTAL OBS	1014-31013-610 11-33411-01411	1013.6	13.8	9.030	1013.3	1014.2	5.824	1016.3	1016.6	1017.2 8.800 1240	1014.9	12.0	***